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Temperature Profiles for 20 Lakes in the Experimental Lakes Area, Northwestern Ontario, 1987

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by

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ABSTRACT

Cruikshank, D.R. 1988. Temperature profiles for 20 lakes in the Experimental Lakes Area, northwestern Ontario, 1987. Can. Data Rep. Fish. Aquat. Sci. 696: iv + 31 p.

This report presents 240 temperature profiles from 20 lakes in the Experimental Lakes Area in northwestern Ontario. Also included are data on weather descriptions, Secchi depths, water colour, planar thermoclines and epilimnion depths.

Key words: temperature profiles; thermocline; experimental lakes; Secchi disk.

RÉSUMÉ

Cruikshank, D.R. 1988. Temperature profiles for 20 lakes in the Experimental Lakes Area, northwestern Ontario, 1987. Can. Data Rep. Fish. Aquat. Sci. 696: iv + 31 p.

Le présent rapport présente 240 profils de température de 20 lacs de la Région des Lacs Expérimentaux dans le nord-ouest de l'Ontario. Il comprend aussi des données sur la description du temps, les profondeurs de secchi, la couleur de l'eau, les thermoclines planaires, et la profondeur de l'épilimnion.

Mots-clés: profiles de température; thermocline; lacs expérimentaux; disques de Secchi.

INTRODUCTION

This report is the fifth in a series of data reports on lake temperature profiles at the Experimental Lakes Area (ELA). Temperature data from 1968-1983 for 39 lakes were presented by Cruikshank (1984), for 1984 by Lyng and Cruikshank (1985), for 1985 by Cruikshank (1986), and for 1986 by Cruikshank (1987). In this report, 240 temperature profiles for 20 lakes during the 1986 ice-free season were presented in tabular (Appendix 1) form. Additional information such as weather descriptions, water colour and Secchi depths were presented when available (Appendix 2).

In 1987, most ELA lakes begin to stratify by early to mid-May with stable summer thermal regimes appearing by mid-June and disappearing by mid-September.

METHODS

In 1987, all temperature profiles were taken using a Flett Research Mark II Digital Telethermometer. All readings have been corrected using a calibration curve that was calculated using a mercury thermometer (0.05°C accuracy). Profiles were obtained by starting at the lake surface and taking temperature readings at one metre intervals. If the temperature difference between successive metre depths exceeded 1°C, measurements were taken every quarter metre until the difference between metre depths was less than 1°C.

Inflow, outflow and air temperatures were taken with a pocket thermometer (1°C accuracy). Weather descriptions such as wind speed and cloud cover were subjective and may vary between observers. Secchi depths were measured on the shadow side of the boat during the morning. The Secchi disk was lowered until it disappeared and then raised up until it reappeared. The mean of the two depths was recorded as the Secchi disk reading. Water colour was a subjective measurement defined as the colour of water against the white background of the Secchi disk at 1/2 the recorded Secchi depth. Epilimnion depth is defined as that point in the water column where temperature began to decrease at a rate greater than 1°C per metre. Planar thermocline is defined as that point where the change in temperature per metre depth was greatest.

All calculations and printouts were done by a Hewlett Packard Model 87XM computer.

ACKNOWLEDGMENTS

I would like to thank Tim Cooper, Joel Garlich-Miller and Steve Sandstrom who assisted me in the collection of field data for 1986. I would also like to thank Donna Laroque who typed this report.

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CRUIKSHANK, D.R. 1986. Temperature profiles for 23 lakes in the Experimental Lakes Area, northwestern Ontario, 1985. Can. Data Rep. Fish. Aquat. Sci. 604: iv + 180 p.

CRUIKSHANK, D.R. 1987. Temperature profiles for 21 lakes in the Experimental Lakes Area, northwestern Ontario, 1986. Can. Data. Rep. Fish. Aquat. Sci. 648: iv + 36 p.

LYNG, M.E., and D.R. CRUIKSHANK. 1985. Temperature profiles for 19 lakes in the Experimental Lakes Area, northwestern Ontario, 1984. Can. Data Rep. Fish. Aquat. Sci. 534: iv + 189 p.

Appendix 1. Physical measurements and weather observations

LAKE# 109

DAY#	AIR TEMP C	CLOUD COVER N/10	WIND SPEED KMPH	WIND DIR	SECCHI DEPTH M	WATER COLOR	EPI DEPTH M	PLANAR THERMOCLINE M
131	12.0	10	0- 5	N	5.1	YELLOW GREEN	4.1	6.4
145							7.1	7.6
159	10.0	7	10-15	NE	6.1	PALE GREEN	4.4	7.1
177	16.5	10	0- 5	E	7.0	YELLOW GREEN	4.1	4.4
187	22.0	9	0- 5	NW	5.0	PALE GREEN	5.1	5.6
204	21.0	5	0- 5	NW	6.0	PALE GREEN	6.1	7.4
215	25.0	4	10-15	NW	7.2	YELLOW GREEN	4.1	7.4
229	18.5	4	0- 5	SW	5.5	YELLOW GREEN	6.6	6.9
243	13.0	5	25-30	N	6.0	PALE	8.1	8.1
261	15.0	10	15-20	S	3.6	PALE GREEN	9.1	9.6
271	13.0	10	15-20	E	3.6	PALE GREEN	9.5	9.3
293	7.0	10	15-20	E	3.6	YELLOW	9.3	9.3

PHYSICAL MEASUREMENTS AND WEATHER OBSERVATIONS

LAKE# 110

DAY#	AIR TEMP C	CLOUD COVER N/10	WIND SPEED KMPH	WIND DIR	SECCHI DEPTH M	WATER COLOR	EPI DEPTH M	PLANAR THERMOCLINE M
131	9.0	9	5-10	N	2.8	PALE GREEN	3.6	4.1
145	14.0	10	0- 5	S	4.0	GREEN	4.5	5.6
177	16.5	9	10-15	E	4.6	YELLOW GREEN	3.6	3.9
187	28.0	2	0- 5		3.7	YELLOW	3.5	4.6
205	24.0	1	0- 5	SE	4.4	YELLOW GREEN	4.1	5.1
229	18.5	5	0- 5	SW	5.3	YELLOW GREEN	5.1	5.6
243	11.5	2	5-10	SE	6.0	PALE GREEN	6.1	6.4
261	16.0	10	15-20	S	5.2	PALE GREEN	6.4	7.1
271	13.0	9	15-20	NE	4.8	YELLOW GREEN	7.1	7.4
293	3.0	10	5-10	E	3.2	YELLOW	12.3	12.1

PHYSICAL MEASUREMENTS AND WEATHER OBSERVATIONS

LAKE# 221

DAY#	AIR TEMP C	CLOUD COVER N/10	WIND SPEED KMPH	WIND DIR	SECCHI DEPTH M	WATER COLOR	EPI DEPTH M	PLANAR THERMOCLINE M
138	11.0	9	5-10		3.0	ORANGE	3.6	3.9
145							5.0	.5
162	14.0	10	0- 5	SW	2.3	PALE YELLOW	2.1	2.9
176	21.5	6	5-10	W	2.2	ORANGE YELLOW	2.1	2.6
188	25.0	4	0- 5		2.3	ORANGE	1.1	3.6
203	26.0	10			2.6	ORANGE YELLOW	1.6	3.1
218	18.0	7	10-15	SW	3.4	PALE YELLOW	2.4	3.4
229	17.0	7	0- 5	SW	2.4	ORANGE	3.1	4.4
244	16.0	1	0- 5	N	2.3	ORANGE YELLOW	4.1	4.6
260	.	2			1.0	YELLOW	4.1	5.6
272	11.0	9	15-20	NW	1.6	BROWN	5.6	5.3

PHYSICAL MEASUREMENTS AND WEATHER OBSERVATIONS

LAKE# 222

DAY#	AIR TEMP C	CLOUD COVER N/10	WIND SPEED KMPH	WIND DIR	SECCHI DEPTH M	WATER COLOR	EPI DEPTH M	PLANAR THERMOCLINE M
138	13.0	9	5-10		3.0	ORANGE	3.1	3.4
145	.	0					.5	1.5
162	14.0	10			2.6	ORANGE YELLOW	2.1	2.9
176	19.0	7	0- 5	W	2.9	ORANGE	2.1	2.1
188	25.0	3	0- 5		3.0	ORANGE	1.1	3.9
203	22.0	10	5-10	SE	3.6	PALE ORANGE	2.1	3.6
218	18.0	10	10-15	SW	2.1	DARK YELLOW	3.1	3.1
229	17.0	7	0- 5	SW	2.8	ORANGE	3.1	3.9
244	16.0	2	0- 5	N	2.9	ORANGE	4.1	4.4
260	18.0	2	0- 5	SE	3.0	BROWN	4.1	4.6
272	12.0	6	0- 5	W	2.2	BROWN ORANGE	5.3	5.3

PHYSICAL MEASUREMENTS AND WEATHER OBSERVATIONS

LAKE# 223

DAY#	AIR TEMP C	CLOUD COVER N/10	WIND SPEED KMPH	WIND DIR	SECCHI DEPTH M	WATER COLOR	EPI DEPTH M	PLANAR THERMOCLINE M
124	11.0	9	0- 5	SE	4.6	PALE GREEN	6.5	6.5
138	9.0	9	15-20	N	5.2	PALE GREEN	7.1	8.1
152	22.0	5	10-15	S	6.5	PALE GREEN	2.6	2.9
166	24.0	0	0- 5	S	6.6	PALE	5.4	6.4
180	16.0	8	5-10	NW	5.8	PALE GREEN	5.5	6.1
194	14.0	2	0- 5	N	5.9	PALE	6.4	7.6
208	24.0	0			6.0	PALE GREEN	7.1	11.1
222	24.0	2	0- 5	SW	4.8	PALE	7.4	7.4
236	14.0	4	5-10	SW	4.8	PALE	9.1	9.1
250	17.0	8	5-10	W			10.1	10.6
266	11.0	1	15-20	NE	5.0	PALE	10.1	11.1
278	9.0	10	25-30	N	3.3	YELLOW	14.1	14.1
301	4.0	10	0- 5	SW	4.5	PALE GREEN	14.1	14.1

PHYSICAL MEASUREMENTS AND WEATHER OBSERVATIONS

LAKE# 224

DAY#	AIR TEMP C	CLOUD COVER N/10	WIND SPEED KMPH	WIND DIR	SECCHI DEPTH M	WATER COLOR	EPI DEPTH M	PLANAR THERMOCLINE M
124	13.0	10	5-10	S	6.8	PALE	6.5	8.1
138	12.0	10	15-20	N	6.5	PALE	6.9	6.9
152	21.0	8	5-10	S	7.6	PALE GREEN	2.4	2.4
166	25.0	0	5-10	S	10.0	PALE GREEN	5.1	9.1
180	16.0	7	0- 5	SW	10.3	PALE BLUE	5.3	5.3
194	17.0	4	0- 5	N	10.4	PALE GREEN	6.6	7.1
208	24.0	1	0- 5	NE	10.5	PALE GREEN	7.1	8.4
222	20.0	3	0- 5	SW	9.8	PALE	7.9	7.9
236	15.0	2	5-10	SE	9.3	PALE GREEN	9.4	9.9
250	18.0	7	0- 5	W			10.1	10.6
264	16.0	1	0- 5	E	6.8	PALE GREEN	11.1	11.6
278	9.0	10	25-30	N	5.8	PALE	13.1	13.9
301	4.0	10	0- 5	SW	6.0	PALE	26.0	22.5

PHYSICAL MEASUREMENTS AND WEATHER OBSERVATIONS

LAKE# 225

DAY#	AIR TEMP C	CLOUD COVER N/10	WIND SPEED KMPH	WIND DIR	SECCHI DEPTH M	WATER COLOR	EPI DEPTH M	PLANAR THERMOCLINE M
138	12.5	10	0- 5	N	1.8	ORANGE	1.8	.5
152	21.0	8	5-10	S	1.8	ORANGE	1.4	1.8
166	26.0	8	5-10	S	1.9	ORANGE	1.5	1.5
180	.						1.5	1.3
194	15.5	4	5-10	N	1.6	YELLOW BROWN	1.3	1.3
208	24.0	0	0- 0		1.5	ORANGE	1.5	.5
222	24.0	2	0- 5	SW			1.5	.5
236	14.0	2	0- 5	SE	1.7	ORANGE	2.0	1.5
250	18.0	7	0- 5	W			1.6	.5
266	12.0	1	20-25	N			1.6	.3
278	9.0	10	25-30	N	1.5.	ORANGE	1.5	.3

PHYSICAL MEASUREMENTS AND WEATHER OBSERVATIONS

LAKE# 226 N

DAY#	AIR TEMP C	CLOUD COVER N/10	WIND SPEED KMPH	WIND DIR	SECCHI DEPTH M	WATER COLOR	EPI DEPTH M	PLANAR THERMOCLINE M
139	8.0	10	0- 5		3.8	YELLOW GREEN	4.6	5.1
155	14.6	6	10-15	N	3.9	YELLOW	3.4	9.5
167	27.0	0	0- 5	SW	3.9	YELLOW	2.1	2.6
184	25.0	1			4.0	YELLOW GREEN	4.1	4.4
195	15.5	8	10-15	SW	4.2	YELLOW GREEN	4.1	4.6
211	24.0	3	0- 5	SW	4.4	YELLOW GREEN	2.1	5.1
223	21.0	6	5-10	NW	4.5	YELLOW	4.1	4.9
239	16.0	0	0- 5	SW	4.6	YELLOW	4.5	5.0
251	13.5	6	0- 5	S	4.2	YELLOW	5.6	6.1
267	10.0	0	0- 0		4.2	YELLOW	6.1	6.9
279	4.0		20-25	NE	3.4	PALE YELLOW	8.1	8.4
292	6.0	10	0- 0		2.8	YELLOW	14.5	13.5

PHYSICAL MEASUREMENTS AND WEATHER OBSERVATIONS

LAKE# 226 S

DAY#	AIR TEMP C	CLOUD COVER N/10	WIND SPEED KMPH	WIND DIR	SECCHI DEPTH M	WATER COLOR	EPI DEPTH M	PLANAR THERMOCLINE M
139	12.0	10	0- 5	N	3.5	YELLOW GREEN	4.4	4.6
155	13.0	7	0- 5	NW	4.3	YELLOW	3.1	6.1
167	26.0	0	0- 5	S	3.9	YELLOW	2.6	6.1
184	23.0	1	0- 0		3.8	BROWN YELLOW	1.1	4.4
195	14.0	8	0- 5	SW	4.4	YELLOW GREEN	4.1	5.4
211	25.0	3	0- 5	SW	4.2	YELLOW	2.4	4.9
223	20.4	6	5-10	NW	4.0	YELLOW	4.1	5.9
239	18.0	0	0- 5	SW	4.9	DARK YELLOW	5.1	6.4
251	13.5	6	0- 5	S	4.2	YELLOW	5.1	6.4
267	10.0	0	0- 0		4.8	YELLOW	6.1	6.6
279	3.0	10	20-25	NE	3.2	YELLOW	8.6	8.6
292	6.0	10	0- 0		2.8	YELLOW	11.3	11.3

PHYSICAL MEASUREMENTS AND WEATHER OBSERVATIONS

LAKE# 227

DAY#	AIR TEMP C	CLOUD COVER N/10	WIND SPEED KMPH	WIND DIR	SECCHI DEPTH M	WATER COLOR	EPI DEPTH M	PLANAR THERMOCLINE M
125	21.0	2	15-20	S	5.0	YELLOW	2.1	2.9
139	11.0	10	5-10		.9	TURBID YELLOW	2.4	3.1
146	14.0	10	0- 5		.8	TURBID	1.1	3.9
153	18.0	2	10-15	S	1.1	YELLOW GREEN	1.4	1.6
167	27.0	0	0- 0		.5	BROWN	1.1	1.9
181	21.5	2	0- 5	NW	.6	YELLOW GREEN	1.9	2.6
195	17.0	7	10-15	SE	.3	TURBID YELLOW	1.5	2.9
209	24.0	0	0- 0		.4	TURBID BROWN	1.1	3.4
223	25.0	8	0- 5	E	.5	YELLOW GREEN	1.6	1.9
237	.	0	0- 5		.6	YELLOW GREEN	2.6	3.1
251	19.0	0	0- 5	S	.7	TURBID	2.1	3.1
264	15.0	0	0- 5	E	.8	TURBID	3.1	3.4
279	2.5	9	20-25	NE	.7	YELLOW GREEN	5.1	5.1
300	4.0	10	5-10	N	.7	TURBID	10.1	10.1

PHYSICAL MEASUREMENTS AND WEATHER OBSERVATIONS

LAKE# 239

DAY#	AIR TEMP C	CLOUD COVER N/10	WIND SPEED KMPH	WIND DIR	SECCHI DEPTH M	WATER COLOR	EPI DEPTH M	PLANAR THERMOCLINE M
127	18.0	5	0- 5		3.8	YELLOW GREEN	30.0	5.5
138	12.0	5	0- 5	E	3.8	YELLOW	7.1	8.1
155	12.0	9	0- 5	N	4.2	DARK YELLOW	4.9	4.9
166	24.0	5	0- 5	SW	4.7	YELLOW	3.4	5.9
183	18.0	6	0- 5	N	5.2	YELLOW	5.1	5.6
194	.	1	10-15	SW	6.0	DARK YELLOW	5.1	5.4
211	24.0	1	0- 5	SE	6.1	YELLOW	2.9	7.1
222	20.0	1	0- 5	SE	5.6	YELLOW	5.6	6.9
239	19.0	0	0- 0		5.4	YELLOW	7.1	7.6
250	15.0	9	10-15	N	4.3	YELLOW	7.6	8.6
264	13.0	1	0- 5	NE	4.8	YELLOW BROWN	8.4	8.6
278	7.0	10	30-35	N	4.2	YELLOW	11.6	12.1
301	4.5	10	5-10	S	4.6	YELLOW BROWN	29.3	19.5

PHYSICAL MEASUREMENTS AND WEATHER OBSERVATIONS

LAKE# 240

DAY#	AIR TEMP C	CLOUD COVER N/10	WIND SPEED KMPH	WIND DIR	SECCHI DEPTH M	WATER COLOR	EPI DEPTH M	PLANAR THERMOCLINE M
127	10.0	9	0- 5	S	3.0	YELLOW	13.0	6.5
141	5.0	10	20-25	NE	4.2	YELLOW	9.1	9.6
155	17.0	9	10-15	N	4.3	DARK YELLOW	4.5	5.4
169	22.0	8	0- 5	SE	4.6	YELLOW	3.4	3.9
183	19.0	10	0- 5	N	5.0	PALE YELLOW	5.4	6.1
211	27.0	3	0- 5	E	5.7	YELLOW GREEN	3.1	6.9
225	16.0	1	0- 5	S	5.1	YELLOW GREEN	6.6	6.9
239	17.0	0	0- 0		4.1	PALE YELLOW	7.6	8.1
253	14.0	10	0- 0		4.7	GREEN YELLOW	9.1	9.1
264	15.0	1	0- 5	NE	4.0	YELLOW	9.4	10.1
279	5.0	10	25-30	N	3.6	YELLOW	13.0	7.5
299	6.0	10	15-20	N	3.0	YELLOW	13.0	.5

PHYSICAL MEASUREMENTS AND WEATHER OBSERVATIONS

LAKE# 260

DAY#	AIR TEMP C	CLOUD COVER N/10	WIND SPEED KMPH	WIND DIR	SECCHI DEPTH M	WATER COLOR	EPI DEPTH M	PLANAR THERMOCLINE M
134	14.0	2	0- 5	N	4.5	YELLOW GREEN	7.6	8.1
144	13.0	10	0- 5	N	3.2	YELLOW	3.1	10.4
173	27.0	3	5-10	SW	4.4	YELLOW	3.1	3.9
188	20.0	6	10-15	SW	5.6	YELLOW GREEN	4.1	5.6
201	17.0	10	0- 5	SW	5.4	YELLOW GREEN	5.9	6.1
229	15.0	10	5-10	NE	5.8	YELLOW GREEN	6.1	6.9
246	15.0	2	20-25	SE	4.6	YELLOW	8.1	8.1
257	12.0	0	5-10	S	5.0	YELLOW	8.1	9.6
274	12.0	5	5-10	N	4.4	YELLOW GREEN	9.1	10.4
285	7.5	3	0- 5	S	4.8	YELLOW GREEN	14.3	14.1
292	4.0	9	0- 5	SW	4.6	YELLOW GREEN	14.1	14.1

PHYSICAL MEASUREMENTS AND WEATHER OBSERVATIONS

LAKE# 302 N

DAY#	AIR TEMP C	CLOUD COVER N/10	WIND SPEED KMPH	WIND DIR	SECCHI DEPTH M	WATER COLOR	EPI DEPTH M	PLANAR THERMOCLINE M
125	16.0	4	10-15	S	4.8	PALE YELLOW	5.1	5.4
139	10.0	10	0- 0		3.2	YELLOW	5.1	5.9
153	17.0	2	10-15	SE	2.4	YELLOW	2.1	2.4
167	27.0	0	0- 0		2.0	PALE GREEN	2.1	3.1
181	19.0	3	0- 5	NW	2.4	PALE GREEN	3.4	3.4
195	17.0	7	5-10	SW	3.8	PALE GREEN	4.1	4.6
209	25.0	0	0- 5	SW	3.2	PALE GREEN	3.1	5.1
223	21.0	6	10-15	SW	3.4	PALE	4.4	5.4
237	.	8	0- 5	SW	.		5.6	6.1
251	16.0	1	5-10	SE	3.2	YELLOW	6.1	6.6
265	16.0	0	0- 5	NW	3.2	PALE YELLOW	7.1	7.4
279	4.0	10	25-30	NW	3.0	YELLOW	10.4	10.4
299	6.5	10	5-10	N	4.0	YELLOW GREEN	13.1	13.1

PHYSICAL MEASUREMENTS AND WEATHER OBSERVATIONS

LAKE# 302 S

DAY#	AIR TEMP C	CLOUD COVER N/10	WIND SPEED KMPH	WIND DIR	SECCHI DEPTH M	WATER COLOR	EPI DEPTH M	PLANAR THERMOCLINE M
125	16.0	4	15-20	S	5.0	PALE YELLOW	7.1	7.1
139	11.0	10	0- 5	SE	3.0	PALE GREEN	6.1	6.6
153	19.0	2	10-15	SE	3.9	PALE	2.1	3.1
167	29.0	0	0- 5	SW	6.3	PALE	3.1	9.9
181	21.0	2	0- 0		6.7	PALE BLUE	5.4	7.1
195	18.0	7	10-15	SW	4.7	YELLOW GREEN	6.6	7.1
223	23.0	5	15-20	SW	4.6	PALE YELLOW	6.1	9.8
237	.	7	0- 5	SW	4.6	PALE YELLOW	7.6	7.9
240	28.0	0	0- 5	NW	6.4	YELLOW GREEN	6.1	7.9
251	16.0	1	5-10	SE	4.2	YELLOW	8.4	8.6
265	14.0	0	0- 0		4.0	YELLOW	9.1	9.1
279	4.0	10	25-30	N	3.6	YELLOW	10.0	.5
299	7.0	10	0- 5	N	3.8	YELLOW BROWN	10.0	9.5

PHYSICAL MEASUREMENTS AND WEATHER OBSERVATIONS

LAKE# 305

DAY#	AIR TEMP C	CLOUD COVER N/10	WIND SPEED KMPH	WIND DIR	SECCHI DEPTH M	WATER COLOR	EPI DEPTH M	PLANAR THERMOCLINE M
132	.	7	15-20		6.3	BLUE GREEN	6.5	6.5
146	14.0	10	0- 5	SE	5.6	PALE GREEN	11.1	11.4
160	18.0	0	0- 5	SW	7.5	YELLOW BLUE	5.1	5.9
174	28.0	7	10-15	SE	6.8	PALE	3.6	4.9
188	24.0	6	10-15	SW	7.6	TURQ BLUE	5.1	6.6
202	18.0	8	0- 5	SW	4.8	DARK YELLOW	6.1	7.4
216	17.0	5	0- 5	E	8.4	PALE GREEN	6.1	7.1
230	20.0	7	5-10	SW	8.4	PALE BLUE	7.1	8.1
244	12.0	3	10-15	NE	7.8	PALE GREEN	8.6	8.9
258	16.0	0	0- 0		7.8	PALE	9.4	9.9
272	10.0	0	0- 5	N	8.6	YELLOW GREEN	10.4	11.1
286	7.0	10	30-35	S	6.8	YELLOW GREEN	15.1	15.1
300	5.0	9	0- 5	NE	7.2	YELLOW GREEN	31.5	19.5

PHYSICAL MEASUREMENTS AND WEATHER OBSERVATIONS

LAKE# 373

DAY#	AIR TEMP C	CLOUD COVER N/10	WIND SPEED KMPH	WIND DIR	SECCHI DEPTH M	WATER COLOR	EPI DEPTH M	PLANAR THERMOCLINE M
126	15.0	1	5-10	N	6.6	PALE GREEN	7.1	7.1
159	12.0	9	0- 5	NW	7.0	PALE	5.1	5.9
176	22.0	5	10-15	NW	9.4	PALE	4.1	4.4
187	25.0	2	0- 0		9.5	YELLOW GREEN	5.1	6.1
204	23.0	8	5-10	NW	9.5	PALE GREEN	7.1	7.4
216	23.0	4	0- 5	SW	8.6	PALE GREEN	4.6	8.1
231	15.0	5	5-10	SW	.	PALE GREEN	7.6	7.6
243	10.0	1	5-10	NW	8.6	PALE GREEN	8.1	8.9
260	18.0	10	5-10	E	8.4	PALE GREEN	9.1	10.1
272	14.0	9	15-20	E	7.0	GREEN	10.1	10.6
294	2.0	2	0- 0		5.2	YELLOW	17.5	17.5

PHYSICAL MEASUREMENTS AND WEATHER OBSERVATIONS

LAKE# 374

DAY#	AIR TEMP C	CLOUD COVER N/10	WIND SPEED KMPH	WIND DIR	SECCHI DEPTH M	WATER COLOR	EPI DEPTH M	PLANAR THERMOCLINE M
148	19.0	7	10-15	SW	5.5	PALE GREEN	3.5	4.1
159	10.0	8	5-10	NE	6.2	PALE YELLOW	7.6	7.9
177	.	6	15-20	NW	6.8	PALE YELLOW	4.9	4.9
187	26.0	2	0- 0		7.4	PALE GREEN	5.1	7.1
204	21.0	5	0- 5	NW	8.2	GREEN YELLOW	8.6	9.4
215	22.5	1	20-25	NW	8.6	TURQ GREEN	6.1	9.1
229	18.5	7	0- 5	W	9.5	PALE YELLOW	8.9	9.1
243	12.0	3	25-30	N	7.8	PALE GREEN	11.1	11.9
261	15.0	10	10-15	S	8.3	PALE GREEN	11.1	11.6
271	13.0	9	20-25	NE	7.5	GREEN	11.6	11.9
293	1.0	10	15-20	W	6.8	YELLOW GREEN	20.5	20.5

PHYSICAL MEASUREMENTS AND WEATHER OBSERVATIONS

LAKE# 375

DAY#	AIR TEMP C	CLOUD COVER N/10	WIND SPEED KMPH	WIND DIR	SECCHI DEPTH M	WATER COLOR	EPI DEPTH M	PLANAR THERMOCLINE M
131	12.0	7	5-10		6.3	PALE GREEN	4.4	4.4
176	21.5	6	10-15	SW	7.8	YELLOW BROWN	3.6	3.6
187	21.0	10	0- 5	S	7.0	GREEN	4.1	8.4
204	21.0	6	0- 5	NW	7.2	TURQ GREEN	5.4	5.6
216	24.0	2	10-15	SW	7.5	GREEN YELLOW	3.1	6.4
231	19.0	5	10-15	SW	7.4	YELLOW	6.5	8.6
243	13.0	4	0- 5	NW	7.3	YELLOW GREEN	7.1	7.4
260	18.0	10	0- 5	N	5.8	GREEN	7.1	7.9
271	13.0	10	10-15	NE	6.8	GREEN	8.1	8.9
294	-2.0	7	0- 0		6.6	YELLOW GREEN	24.0	12.5

PHYSICAL MEASUREMENTS AND WEATHER OBSERVATIONS

LAKE# 382

DAY#	AIR TEMP C	CLOUD COVER N/10	WIND SPEED KMPH	WIND DIR	SECCHI DEPTH M	WATER COLOR	EPI DEPTH M	PLANAR THERMOCLINE M
132	12.0	6	20-25	SW	3.5	YELLOW	6.1	6.1
146	14.0	10	0- 5	SE	5.0	YELLOW	3.4	12.1
160	22.0	0	0- 5	NW	4.2	YELLOW BROWN	4.1	4.1
174	26.0	6	10-15	S	5.2	YELLOW GREEN	3.1	3.4
188	24.0	7	5-10	SW	4.5	DARK YELLOW	3.1	5.6
230	18.0	5	5-10	SW	4.8	YELLOW	5.9	6.4
244	14.0	4	10-15	NE	4.5	PALE GREEN	7.1	7.1
258	15.0	0	0- 5	S	5.8	PALE GREEN	7.1	8.6
272	12.0	4	10-15	N			8.1	8.6
286	7.0	10	30-35	N	3.5	YELLOW	12.0	7.5
300	4.0	10	20-30	NW	3.0	YELLOW	12.0	.5

Appendix 2. Temperature profiles for 1987

Lake #109

MAY 11 DAY# 131		MAY 25 DAY# 145		JUN 8 DAY# 159		JUN 26 DAY# 177		JUL 6 DAY# 187		JUL 23 DAY# 204		AUG 3 DAY# 215		AUG 17 DAY# 229		SEP 0. DAY# 243		SEP 18 DAY# 261		SEP 28 DAY# 271		OCT 20 DAY# 293	
DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)
0.00	13.4	0.00	13.9	0.00	17.6	0.00	21.5	0.00	21.5	0.00	21.5	0.00	23.6	0.00	21.8	0.00	18.9	0.00	17.0	0.00	15.5	0.00	7.7
1.00	13.4	1.00	13.7	1.00	17.6	1.00	21.7	1.00	21.5	1.00	21.5	1.00	23.6	1.00	21.8	1.00	18.9	1.00	17.0	1.00	15.5	1.00	7.8
2.00	13.3	2.00	13.3	2.00	17.6	2.00	21.8	2.00	21.5	2.00	21.3	2.00	23.5	2.00	21.7	2.00	18.8	2.00	17.0	2.00	15.5	2.00	7.8
3.00	13.2	3.00	13.1	3.00	17.5	3.00	21.8	3.00	21.5	3.00	21.0	3.00	23.5	3.00	21.6	3.00	18.8	3.00	17.0	3.00	15.5	3.00	7.8
4.00	13.0	4.00	12.7	4.00	17.2	4.00	21.6	4.00	21.0	4.00	20.6	4.00	23.4	4.00	21.6	4.00	18.8	4.00	17.0	4.00	15.5	4.00	7.8
4.25	12.6	5.00	12.4	4.25	17.0	4.25	21.1	5.00	20.1	5.00	20.4	4.25	23.0	5.00	21.6	5.00	18.8	5.00	17.0	6.00	15.5	5.00	7.8
4.50	12.6	6.00	12.2	4.50	16.5	4.50	19.9	5.25	19.5	6.00	19.7	4.50	22.5	6.00	21.5	6.00	18.7	6.00	16.9	7.00	15.5	6.00	7.8
4.75	12.2	7.00	11.7	4.75	16.0	4.75	19.2	5.50	19.2	6.25	19.1	4.75	22.1	6.25	21.4	7.00	18.7	7.00	16.8	8.00	15.5	7.00	7.8
5.00	11.9	7.25	10.9	5.00	15.4	5.00	18.5	5.75	18.1	6.50	18.9	5.00	21.8	6.50	21.4	8.00	18.4	8.00	16.7	9.00	15.5	8.00	7.8
5.25	11.5	7.50	10.5	5.25	14.8	5.25	17.9	6.00	17.0	6.75	18.0	5.25	21.3	6.75	20.9	8.25	17.1	9.00	16.1	9.50	15.4	9.00	7.8
5.50	11.2	7.75	9.0	5.50	14.3	5.50	17.3	6.25	16.4	7.00	17.3	5.50	21.0	7.00	19.9	8.50	16.3	9.25	15.4			9.50	8.3
5.75	10.8	8.00	8.7	5.75	14.1	5.75	16.7	6.50	15.9	7.25	16.6	5.75	20.8	7.25	19.4	8.75	15.3	9.50	14.7				
6.00	10.6	8.25	8.0	6.00	13.7	6.00	16.3	6.75	15.5	7.50	15.5	6.00	20.5	7.50	18.6	9.00	14.4	9.75	13.7				
6.25	10.2	8.50	7.9	6.25	13.5	6.25	15.7	7.00	14.7	7.75	14.6	6.25	20.2	7.75	17.6	9.25	14.0	10.00	12.8				
6.50	9.0	8.75	7.8	6.50	13.1	6.50	15.2	7.25	14.3	8.00	14.1	6.50	19.7	8.00	16.8	9.50	13.1						
6.75	8.4	9.00	7.6	6.75	12.9	6.75	14.4	7.50	13.8	8.25	13.8	6.75	19.1	8.25	16.2	9.75	12.9						
7.00	8.1	9.75	7.3	7.00	12.6	7.00	14.0	7.75	13.2	8.50	13.3	7.00	18.6	8.50	15.6								
8.00	7.4			7.25	11.5	7.25	13.4	8.00	12.7	8.75	13.0	7.25	17.7	8.75	14.0								
9.00	7.1			7.50	11.3	7.50	13.1	8.25	12.3	9.00	12.6	7.50	16.6	9.00	14.1								
9.75	6.8			7.75	11.0	7.75	12.9	8.50	12.0	9.25	11.5	7.75	16.0	9.25	13.3								
				8.00	10.7	8.00	12.5	8.75	12.0	9.50	11.4	8.00	15.0	9.50	12.8								
				8.25	10.4	8.25	12.1	9.00	11.8	9.75	11.2	8.25	14.4	9.75	12.5								
				8.50	10.3	8.50	11.8	9.75	11.1			8.50	14.1	9.80	12.4								
				8.75	9.9	8.75	11.5					8.75	13.7										
				9.00	9.3	9.00	11.1					9.00	13.2										
				9.80	8.9	9.90	10.2					9.25	12.2										
												9.50	12.1										
												9.75	11.9										
												10.00	11.8										

LAKE# 110 TEMPERATURE PROFILES FOR 1987

MAY 11 DAY# 131		MAY 25 DAY# 145		JUN 26 DAY# 177		JUL 6 DAY# 187		JUL 24 DAY# 205		AUG 17 DAY# 229		SEP 1 DAY# 243		SEP 18 DAY# 261		SEP 28 DAY# 271		OCT 20 DAY# 293	
DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)
0.00	14.5	0.00	14.1	0.00	21.8	0.00	21.9	0.00	21.2	0.00	21.3	0.00	17.7	0.00	16.3	0.00	15.1	0.00	6.8
1.00	14.5	1.00	14.2	1.00	21.8	1.00	21.8	1.00	21.1	1.00	21.4	1.00	17.8	1.00	16.4	1.00	15.1	1.00	6.8
2.00	14.5	2.00	13.7	2.00	21.9	2.00	21.7	2.00	21.0	2.00	21.4	2.00	17.8	2.00	16.5	2.00	15.1	2.00	6.8
3.00	14.5	3.00	13.0	3.00	21.9	3.00	21.1	3.00	20.7	3.00	21.3	3.00	17.9	3.00	16.5	3.00	15.0	3.00	6.8
3.25	14.4	4.00	13.4	3.25	21.8	4.00	19.9	4.00	20.1	4.00	21.3	4.00	18.0	4.00	16.5	4.00	15.0	4.00	6.8
3.50	14.5	5.00	11.6	3.50	21.9	4.25	19.4	4.25	19.7	5.00	20.6	5.00	18.0	5.00	16.5	5.00	14.9	5.00	6.8
3.75	14.0	5.25	11.0	3.75	20.4	4.50	17.9	4.50	19.5	5.25	19.7	6.00	17.8	6.25	15.7	6.00	14.9	6.00	6.8
4.00	13.1	5.50	10.4	4.00	18.8	4.75	16.3	4.75	19.0	5.50	18.3	6.25	17.1	6.50	15.4	7.00	14.5	7.00	6.8
4.25	11.9	5.75	9.3	4.25	17.7	5.00	15.3	5.00	18.1	5.75	16.8	6.50	14.6	6.75	14.9	7.25	14.0	8.00	6.8
4.50	11.1	6.00	8.2	4.50	16.7	5.25	14.3	5.25	16.5	6.00	15.8	6.75	13.2	7.00	14.0	7.50	12.8	9.00	6.6
4.75	9.9	6.25	7.6	4.75	15.5	5.50	13.4	5.50	15.3	6.25	14.7	7.00	12.1	7.25	12.5	7.75	12.0	10.00	6.5
5.00	9.1	6.50	7.3	5.00	14.7	5.75	12.3	5.75	14.2	6.50	13.4	7.25	11.6	7.50	12.0	8.00	11.0	11.00	6.4
5.25	8.2	6.75	7.2	5.25	13.7	6.00	11.7	6.00	13.2	6.75	12.2	7.50	10.9	7.75	11.0	8.25	10.5	12.00	6.4
5.50	7.8	7.00	6.9	5.50	12.8	6.25	10.9	6.25	12.4	7.00	11.3	7.75	10.4	8.00	10.4	8.50	10.0	12.25	6.3
5.75	7.6	8.00	6.0	5.75	12.0	6.50	10.3	6.50	11.5	7.25	10.7	8.00	9.8	8.25	9.7	8.75	9.5		
6.00	7.0	9.00	5.6	6.00	11.1	6.75	9.5	6.75	10.7	7.50	10.1	8.25	9.4	8.50	8.2	9.00	8.8		
7.00	6.7	10.00	5.3	6.25	10.6	7.00	8.9	7.00	10.0	7.75	9.6	8.50	8.7	8.75	8.2	9.25	8.2		
8.00	6.1	11.00	5.1	6.50	10.1	7.25	8.4	7.25	9.4	8.00	9.1	8.75	8.3	9.00	8.2	9.50	7.9		
9.00	5.6	12.00	5.1	6.75	9.6	7.50	8.1	7.50	8.9	8.25	8.6	9.00	7.9	9.25	7.8	9.75	7.5		
10.00	5.5	12.25	5.1	7.00	9.0	7.75	7.7	7.75	8.5	8.50	8.3	9.25	7.1	9.50	7.5	10.00	7.1		
11.00	5.3			7.25	8.3	8.00	7.5	8.00	8.2	8.75	7.9	9.50	7.0	9.75	7.3	11.00	6.2		
12.00	5.2			7.50	8.0	8.25	7.1	8.25	7.7	9.00	7.7	9.75	6.8	10.00	7.0	12.00	6.1		
				7.75	7.6	8.50	6.8	8.50	7.4	9.25	6.9	10.00	6.4	11.00	6.4				
				8.00	7.3	8.75	6.7	8.75	7.0	9.50	6.6	11.00	6.1	12.00	6.2				
				9.00	6.2	9.00	6.5	9.00	6.7	9.75	6.4	12.00	5.9	16.00	16.0				
				10.00	5.7	10.00	5.9	10.00	6.8	10.00	6.3								
				11.00	5.4	11.00	5.6	11.00	5.8	11.00	5.9								
				12.00	5.4	12.00	5.4	12.00	5.6	12.00	5.8								
				12.50	5.4	12.25	5.3	12.30	5.6	12.70	5.7								

LAKE# 221 TEMPERATURE PROFILES FOR 1987

MAY 18 DAY# 138		MAY 25 DAY# 145		JUN 11 DAY# 162		JUN 25 DAY# 176		JUL 7 DAY# 188		JUL 22 DAY# 203		AUG 6 DAY# 218		AUG 17 DAY# 229		SEP 1 DAY# 244		SEP 17 DAY# 260		SEP 29 DAY# 272	
DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)
0.00	14.8	0.00	13.8	0.00	18.5	0.00	23.1	0.00	24.0	0.00	21.4	0.00	22.1	0.00	21.3	0.00	16.9	0.00	17.0	0.00	14.0
1.00	14.8	1.00	13.0	1.00	18.5	1.00	23.2	1.00	23.1	1.00	21.4	1.00	22.1	1.00	21.1	1.00	17.1	1.00	16.9	1.00	14.0
2.00	14.8	2.00	12.2	2.00	18.5	2.00	22.7	1.25	22.5	1.25	21.3	2.00	22.1	2.00	21.0	2.00	17.1	2.00	16.7	2.00	14.0
3.00	14.5	3.00	11.6	2.25	18.2	2.25	22.0	1.50	22.3	1.50	21.2	2.25	22.1	3.00	20.3	3.00	17.1	3.00	15.8	3.00	14.0
3.25	14.3	4.00	10.8	2.50	17.8	2.50	20.4	1.75	22.2	1.75	20.9	2.50	21.4	3.25	19.7	4.00	17.0	3.25	15.6	4.00	13.9
3.50	14.2	5.00	10.0	2.75	17.0	2.75	18.4	2.00	21.4	2.00	20.6	2.75	20.1	3.50	19.1	4.25	16.3	3.50	15.5	5.00	13.7
3.75	13.9			3.00	15.4	3.00	17.1	2.25	20.8	2.25	20.1	3.00	19.4	3.75	17.8	4.50	15.6	3.75	15.4	5.60	13.3
4.00	11.2			3.25	14.0	3.25	15.9	2.50	20.0	2.50	19.8	3.25	18.4	4.00	16.8	4.75	14.0	4.00	15.4		
4.25	9.9			3.50	13.4	3.50	14.8	2.75	19.4	2.75	19.6	3.50	16.2	4.25	15.9	5.00	12.9	4.25	15.0		
4.50	9.2			3.75	12.7	3.75	13.9	3.00	18.7	3.00	19.3	3.75	14.6	4.50	14.4	5.25	12.6	4.50	14.8		
4.75	8.4			4.00	12.2	4.00	13.0	3.25	17.8	3.25	17.2	4.00	13.8	4.75	13.2	5.50	12.3	4.75	14.6		
5.00	7.8			4.25	11.4	4.25	12.2	3.50	16.2	3.50	15.7	4.25	12.6	5.00	12.5	5.60	11.9	5.00	14.3		
				4.50	11.2	4.50	11.8	3.75	14.0	3.75	15.1	4.50	11.8	5.25	12.0			5.25	13.5		
				4.75	10.9	4.75	11.3	4.00	13.2	4.00	14.8	4.75	11.2	5.50	11.9			5.50	13.0		
				5.00	10.7	5.00	10.6	4.25	12.4	4.25	13.8	5.00	10.5	5.75	11.8			5.75	11.9		
				5.90	9.4	5.50	10.1	4.50	11.9	4.50	13.2	5.40	10.1								
								4.75	11.5	4.75	12.3										
								5.00	11.4	5.00	11.4										
								5.75	11.1	5.25	10.8										
										5.50	10.6										
										5.75	10.4										
										6.00	10.1										

LAKE# 222 TEMPERATURE PROFILES FOR 1987

MAY 18 DAY# 138		MAY 25 DAY# 145		JUN 11 DAY# 162		JUN 25 DAY# 176		JUL 7 DAY# 188		JUL 22 DAY# 203		AUG 6 DAY# 218		AUG 17 DAY# 229		SEP 1 DAY# 244		SEP 17 DAY# 260		SEP 29 DAY# 272	
DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)
0.00	14.8	0.00	13.6	0.00	18.3	0.00	22.7	0.00	24.3	0.00	21.6	0.00	21.8	0.00	21.3	0.00	17.4	0.00	17.1	0.00	14.4
1.00	14.8	1.00	12.6	1.00	18.2	1.00	22.8	1.00	23.7	1.00	21.5	1.00	21.8	1.00	21.1	1.00	17.4	1.00	17.0	1.00	14.4
2.00	14.6	2.00	10.3	2.00	17.9	2.00	22.5	1.25	22.4	2.00	20.7	2.00	21.8	2.00	21.0	2.00	17.4	2.00	16.9	2.00	14.4
3.00	14.5	3.00	9.3	2.25	17.3	2.25	20.5	1.50	21.8	2.25	20.1	3.00	20.9	3.00	20.6	3.00	17.3	3.00	16.1	3.00	14.3
3.25	13.1	4.00	8.3	2.50	16.5	2.50	19.0	1.75	21.1	2.50	19.5	3.25	18.8	3.25	19.3	3.50	17.1	4.00	15.4	4.00	14.1
3.50	11.0	5.00	6.5	2.75	15.4	2.75	17.4	2.00	20.6	2.75	19.5	3.50	17.3	3.50	18.0	4.25	15.7	4.25	15.1	5.00	13.3
3.75	9.6			3.00	14.1	3.00	16.0	2.25	19.9	3.00	17.9	3.75	16.6	3.75	17.2	4.50	13.9	4.50	14.7	5.50	11.7
4.00	8.3			3.25	13.5	3.25	14.6	2.50	18.8	3.25	17.1	4.00	15.8	4.00	15.4	4.75	12.6	4.75	13.4		
4.25	7.4			3.50	12.5	3.50	13.7	2.75	18.5	3.50	16.3	4.25	14.7	4.25	14.0	5.00	11.8	5.00	12.6		
4.50	6.9			3.75	11.8	3.75	12.6	3.00	16.8	3.75	14.6	4.50	13.9	4.50	12.8	5.25	10.9	5.25	11.8		
4.75	6.5			4.00	11.1	4.00	11.7	3.25	15.5	4.00	13.7	4.75	12.7	4.75	11.6	5.50	10.6	5.50	11.3		
5.00	6.0			4.25	10.0	4.25	10.8	3.50	14.4	4.25	12.6	5.00	12.2	5.00	10.8						
				4.50	9.6	4.50	10.2	3.75	12.7	4.50	11.8	5.25	11.4	5.60	10.3						
				4.75	9.0	4.75	9.4	4.00	10.9	4.75	11.1	5.50	11.2								
				5.00	8.6	5.00	8.8	4.25	10.1	5.00	10.5										
				5.50	7.7	5.50	8.3	4.50	9.3	5.50	9.3										
								4.75	8.7												
								5.00	8.4												
								5.25	8.3												

LAKE# 225 TEMPERATURE PROFILES FOR 1987

MAY 4 DAY# 124		MAY 18 DAY# 138		JUN 1 DAY# 152		JUN 15 DAY# 166		JUN 29 DAY# 180		JUL 13 DAY# 194		JUL 27 DAY# 208		AUG 10 DAY# 222		AUG 24 DAY# 236		SEP 7 DAY# 250		SEP 23 DAY# 266		OCT 5 DAY# 278		OCT 28 DAY# 301	
DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)
0.00	11.3	0.00	13.2	0.00	19.1	0.00	19.7	0.00	20.7	0.00	20.3	0.00	22.0	0.00	22.5	0.00	19.5	0.00	18.2	0.00	16.4	0.00	13.5	0.00	6.2
1.00	11.3	1.00	13.3	1.00	19.0	1.00	19.7	1.00	20.8	1.00	20.4	1.00	22.0	1.00	22.4	1.00	19.5	1.00	18.2	1.00	16.5	1.00	13.5	1.00	6.1
2.00	11.2	2.00	13.3	2.00	19.0	2.00	19.7	2.00	20.8	2.00	20.4	2.00	22.0	2.00	22.4	2.00	19.5	2.00	18.2	2.00	16.5	2.00	13.5	2.00	6.1
3.00	11.1	3.00	13.4	2.25	18.9	3.00	19.6	3.00	20.8	3.00	20.5	3.00	21.9	3.00	22.3	3.00	19.5	3.00	18.2	3.00	16.5	3.00	13.5	3.00	6.0
4.00	11.1	4.00	13.4	2.50	18.9	4.00	19.0	4.00	20.8	4.00	20.5	4.00	21.8	4.00	22.3	4.00	19.6	4.00	18.2	4.00	16.5	4.00	13.5	4.00	6.0
5.00	10.9	5.00	13.4	2.75	18.4	5.00	18.2	5.00	20.8	5.00	20.5	5.00	21.5	5.00	22.3	5.00	19.6	5.00	18.2	5.00	16.5	5.00	13.5	5.00	6.0
6.00	10.9	6.00	13.3	3.00	16.8	5.25	18.0	6.00	19.8	6.00	20.4	6.00	21.0	6.00	22.3	6.00	19.6	6.00	18.1	6.00	16.5	6.00	13.4	6.00	6.0
7.00	9.8	7.00	12.8	3.25	16.0	5.50	17.7	6.25	18.2	6.25	20.2	7.00	20.4	7.00	22.1	7.00	19.6	7.00	18.0	7.00	16.5	7.00	13.4	7.00	6.0
8.00	9.0	7.25	12.4	3.50	15.7	5.75	17.4	6.50	17.4	6.50	19.6	7.25	19.7	7.25	22.0	8.00	19.6	8.00	18.0	8.00	16.5	8.00	13.4	8.00	6.0
9.00	8.4	7.50	11.8	3.75	15.5	6.00	17.1	6.75	16.9	6.75	19.5	7.50	19.2	7.50	21.1	9.00	18.8	9.00	17.9	9.00	16.3	9.00	13.4	9.00	6.0
10.00	7.7	7.75	11.3	4.00	15.2	6.25	16.7	7.00	16.5	7.00	18.8	7.75	18.7	7.75	20.2	9.25	16.8	10.00	17.0	10.00	16.2	10.00	13.3	10.00	6.0
11.00	7.0	8.00	10.6	5.00	14.1	6.50	16.0	7.25	15.8	7.25	18.3	8.00	18.1	8.00	19.3	9.50	15.7	10.25	16.3	10.25	15.8	11.00	13.3	11.00	6.0
12.00	7.0	8.25	9.7	6.00	13.7	6.75	15.5	7.50	15.6	7.50	17.5	8.25	17.4	8.25	18.4	9.75	14.9	10.50	15.1	10.50	15.8	12.00	13.3	12.00	6.0
13.00	6.8	8.50	9.6	7.00	12.9	7.00	14.8	7.75	15.3	7.75	16.6	8.50	16.7	8.50	17.7	10.00	14.3	10.75	13.6	10.75	15.2	13.00	13.3	13.00	5.9
14.00	6.7	8.75	8.8	8.00	12.0	7.25	14.2	8.00	14.8	8.00	15.9	8.75	16.0	8.75	16.9	10.25	13.6	11.00	12.7	11.00	14.2	14.00	12.6	14.00	5.9
14.25	6.7	9.00	8.6	8.25	11.6	7.50	14.1	8.25	14.2	8.25	15.5	9.00	15.3	9.00	16.2	10.50	13.0	11.25	11.5	11.25	12.7	14.25	11.2	14.25	7.1
		10.00	8.2	8.50	11.3	7.75	13.9	8.50	13.9	8.50	15.2	9.25	14.5	9.25	15.6	10.75	12.5	11.50	10.8	11.50	11.3				
		11.00	7.4	8.75	11.0	8.00	13.7	8.75	13.2	8.75	14.6	9.50	13.9	9.50	14.9	11.00	11.7	11.75	10.3	11.75	11.0				
		12.00	7.2	9.00	10.6	8.25	13.0	9.00	12.7	9.00	14.0	9.75	13.3	9.75	14.5	11.25	11.2	12.00	10.0	12.00	10.7				
		13.00	7.1	9.25	10.2	8.50	12.7	9.25	12.3	9.25	13.3	10.00	12.7	10.00	14.0	11.50	10.7	13.00	9.3	12.25	10.2				
		14.00	6.8	9.50	9.8	8.75	12.3	9.50	12.0	9.50	12.9	10.25	12.1	10.25	13.2	11.75	10.4	14.00	8.9	12.50	9.7				
				9.75	9.3	9.00	11.8	9.75	11.7	9.75	12.5	10.50	11.7	10.50	12.6	12.00	10.1			12.75	9.4				
				10.00	8.9	9.25	11.2	10.00	11.4	10.00	12.1	10.75	11.4	10.75	12.0	13.00	9.3			13.00	9.2				
				11.00	8.3	9.50	10.9	10.25	11.0	10.25	11.8	11.00	10.8	11.00	11.5	14.00	9.0			14.00	9.0				
				12.00	7.7	9.75	10.5	10.50	10.6	10.50	11.4	11.25	9.9	11.25	10.9	14.25	8.8			14.25	8.5				
				13.00	7.5	10.00	10.2	10.75	10.1	10.75	10.9	11.50	9.7	11.50	10.5										
				14.00	7.4	11.00	9.3	11.00	9.8	11.00	10.3	11.75	9.5	11.75	10.2										
				14.25	7.1	12.00	8.7	12.00	9.0	12.00	9.3	12.00	9.3	12.00	10.0										
						13.00	8.4	13.00	8.5	13.00	8.6	13.00	8.9	13.00	9.4										
						14.00	8.2	14.00	8.3	14.00	8.4	14.00	8.7	14.00	9.1										
						14.30	7.9	14.25	8.2	14.10	8.2	14.10	8.5	14.25	9.1										

LAKE# 224 TEMPERATURE PROFILES FOR 1987

MAY 4 DAY# 124		MAY 18 DAY# 138		JUN 1 DAY# 152		JUN 15 DAY# 166		JUN 29 DAY# 180		JUL 13 DAY# 194		JUL 27 DAY# 208		AUG 10 DAY# 222		AUG 24 DAY# 236		SEP 7 DAY# 250		SEP 21 DAY# 264		OCT 5 DAY# 278		OCT 28 DAY# 301	
DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)
0.00	10.7	0.00	13.2	0.00	19.5	0.00	20.1	0.00	20.5	0.00	20.2	0.00	21.9	0.00	21.8	0.00	19.3	0.00	18.2	0.00	16.4	0.00	13.3	0.00	6.6
1.00	10.9	1.00	13.2	1.00	19.2	1.00	20.1	1.00	20.5	1.00	20.2	1.00	21.8	1.00	21.8	1.00	19.4	1.00	18.2	1.00	16.5	1.00	13.4	1.00	6.8
2.00	10.8	2.00	13.2	2.00	19.1	2.00	19.9	2.00	20.5	2.00	20.2	2.00	21.7	2.00	21.8	2.00	19.5	2.00	18.2	2.00	16.5	2.00	13.4	2.00	6.8
3.00	10.7	3.00	13.2	2.25	19.0	3.00	19.4	3.00	20.5	3.00	20.3	3.00	21.6	3.00	21.8	3.00	19.5	3.00	18.2	3.00	16.5	3.00	13.4	3.00	6.8
4.00	10.7	4.00	13.2	2.50	17.8	4.00	19.0	4.00	20.5	4.00	20.3	4.00	21.5	4.00	21.8	4.00	19.5	4.00	18.2	4.00	16.5	4.00	13.4	4.00	6.8
5.00	10.7	5.00	13.2	2.75	17.1	5.00	18.1	5.00	20.5	5.00	20.3	5.00	21.3	5.00	21.8	5.00	19.5	5.00	18.2	5.00	16.4	5.00	13.4	5.00	6.8
6.00	10.5	6.00	13.1	3.00	16.6	5.25	17.8	5.25	20.4	6.00	20.3	6.00	21.0	6.00	21.8	6.00	19.5	6.00	18.1	6.00	16.4	6.00	13.4	6.00	6.8
7.00	9.4	6.25	13.1	3.25	15.7	5.50	17.6	5.40	5.4	6.50	20.1	7.00	20.5	7.00	21.8	7.00	19.5	7.00	18.1	7.00	16.4	7.00	13.4	7.00	6.8
7.25	9.0	6.50	13.1	3.50	15.6	5.75	17.1	5.40	24.0	6.75	19.5	7.25	19.9	7.25	21.6	8.00	19.5	8.00	18.1	8.00	16.4	8.00	13.4	8.00	6.8
7.50	9.1	6.75	13.1	3.75	15.0	6.00	16.6	5.50	20.2	7.00	18.9	7.50	19.7	7.50	21.5	9.00	19.4	9.00	18.1	9.00	16.4	9.00	13.4	9.00	6.8
7.75	8.9	7.00	11.4	4.00	14.7	6.25	16.3	5.75	19.6	7.25	17.9	7.75	19.4	7.75	21.3	9.25	19.2	10.00	17.8	10.00	16.4	10.00	13.4	10.00	6.8
8.00	8.6	7.25	11.1	5.00	14.1	6.50	15.9	6.00	19.0	7.50	17.7	8.00	18.9	8.00	20.2	9.50	18.2	10.25	17.0	11.00	16.2	11.00	13.4	11.00	6.8
8.25	7.9	7.50	10.5	6.00	13.4	6.75	15.6	6.25	18.2	7.75	17.5	8.25	18.2	8.25	19.5	9.75	17.2	10.50	16.5	11.25	15.7	12.00	13.4	12.00	6.8
8.50	7.8	7.75	10.4	7.00	12.9	7.00	15.3	6.50	17.8	8.00	17.0	8.50	17.3	8.50	18.7	10.00	15.9	10.75	15.3	11.50	14.8	13.00	13.4	13.00	6.8
8.75	7.6	8.00	9.9	8.00	12.2	7.25	14.7	6.75	17.6	8.25	16.0	8.75	16.4	8.75	18.0	10.25	15.2	11.00	14.7	11.75	13.6	13.25	12.5	14.00	6.8
9.00	7.4	8.25	9.7	8.25	11.9	7.50	14.1	7.00	17.2	8.50	15.6	9.00	15.6	9.00	17.2	10.50	14.5	11.25	13.8	12.00	12.4	13.50	12.2	15.00	6.8
10.00	6.7	8.50	8.8	8.50	11.6	7.75	13.9	7.25	16.5	8.75	14.9	9.25	15.1	9.25	16.5	10.75	13.8	11.50	13.1	12.25	12.0	13.75	11.7	16.00	6.8
11.00	6.1	8.75	8.6	8.75	11.0	8.00	13.3	7.50	16.2	9.00	14.4	9.50	14.5	9.50	16.0	11.00	13.4	11.75	12.6	12.50	11.4	14.00	10.4	17.00	6.7
12.00	5.8	9.00	8.3	9.00	10.5	8.25	13.0	7.75	16.0	9.25	14.0	9.75	14.0	9.75	15.6	11.25	12.8	12.00	12.1	12.75	11.1	14.25	9.4	18.00	6.7
13.00	5.6	10.00	7.5	9.25	9.8	8.50	12.6	8.00	15.5	9.50	13.2	10.00	13.5	10.00	15.0	11.50	12.3	12.25	11.2	13.00	10.7	14.50	9.0	19.00	6.7
14.00	5.5	11.00	6.6	9.50	9.2	8.75	12.2	8.25	14.6	9.75	13.0	10.25	13.0	10.25	14.1	11.75	11.9	12.50	10.9	13.25	10.2	14.75	8.5	20.00	6.7
15.00	5.4	12.00	6.2	9.75	8.7	9.00	11.8	8.50	14.4	10.00	12.4	10.50	12.5	10.50	13.5	12.00	11.3	12.75	10.5	13.50	9.9	15.00	8.3	21.00	6.7
16.00	5.3	13.00	5.8	10.00	8.2	9.25	11.1	8.75	13.9	10.25	12.0	10.75	12.0	10.75	12.8	12.25	11.0	13.00	10.2	13.75	9.6	16.00	7.2	22.00	6.7
17.00	5.3	14.00	5.6	10.25	7.7	9.50	10.7	9.00	13.5	10.50	11.5	11.00	11.5	11.00	12.4	12.50	10.5	14.00	9.2	14.00	9.4	17.00	7.5	23.00	6.0
18.00	5.2	15.00	5.4	10.50	7.5	9.75	10.4	9.25	12.5	10.75	11.1	11.25	11.0	11.25	12.0	12.75	10.0	15.00	8.4	15.00	8.6	18.00	7.2	24.00	5.6
19.00	5.2	16.00	5.4	10.75	7.4	10.00	10.1	9.50	12.3	11.00	10.7	11.50	10.6	11.50	11.5	13.00	9.7	16.00	7.8	16.00	7.8	19.00	6.6	25.00	5.6
20.00	5.2	17.00	5.2	11.00	7.1	10.25	9.7	9.75	11.8	11.25	10.2	11.75	10.2	11.75	11.0	14.00	8.8	17.00	7.3	17.00	7.3	20.00	6.3	26.00	5.6
21.00	5.1	18.00	5.2	12.00	6.6	10.50	9.3	10.00	11.2	11.50	9.8	12.00	9.8	12.00	10.7	15.00	8.2	18.00	6.9	18.00	6.9	21.00	6.1		
22.00	5.1	19.00	5.1	13.00	6.0	10.75	8.9	10.25	10.5	11.75	9.6	13.00	9.1	12.25	10.3	16.00	7.5	19.00	6.4	19.00	6.6	22.00	6.0		
23.00	5.1	20.00	5.0	14.00	5.8	11.00	8.6	10.50	10.4	12.00	9.2	14.00	8.3	12.50	10.2	17.00	7.1	20.00	6.2	20.00	6.3	23.00	6.0		
24.00	5.1	21.00	5.0	15.00	5.5	12.00	7.6	10.75	9.9	13.00	8.3	15.00	7.5	12.75	9.8	18.00	6.7	21.00	6.0	21.00	6.1	24.00	5.9		
24.75	5.0	22.00	4.9	16.00	5.4	13.00	7.0	11.00	9.6	14.00	7.6	16.00	7.0	13.00	9.6	19.00	6.4	22.00	5.9	22.00	6.0	25.00	5.8		
		23.00	4.9	17.00	5.4	14.00	6.2	12.00	8.8	15.00	7.1	17.00	6.6	13.25	9.2	20.00	6.1	23.00	5.8	23.00	5.9	25.75	5.9		
		24.00	4.9	18.00	5.3	15.00	5.8	13.00	8.2	16.00	6.6	18.00	6.4	13.50	9.0	21.00	6.0	24.00	5.8						
		25.00	4.9	19.00	5.2	16.00	5.7	14.00	7.6	17.00	6.1	19.00	6.2	13.75	8.7	22.00	5.9	25.00	5.8						
		25.50	4.9	20.00	5.2	17.00	5.6	15.00	6.9	18.00	5.9	20.00	6.1	14.00	8.3	23.00	5.8								
				21.00	5.1	18.00	5.5	16.00	6.6	19.00	5.8	21.00	5.9	15.00	7.5	24.00	5.8								
				22.00	5.1	19.00	5.4	17.00	6.2	20.00	5.6	22.00	5.7	16.00	7.1	25.00	5.8								
				23.00	5.0	20.00	5.3	18.00	5.9	21.00	5.5	23.00	5.6	17.00	6.8	25.40	5.8								
				24.00	5.0	21.00	5.3	19.00	5.7	22.00	5.4	24.00	5.5	18.00	6.5										
				25.00	5.0	22.00	5.3	20.00	5.6	23.00	5.5	25.00	5.5	19.00	6.3										
						23.00	5.2	21.00	5.5	24.00	5.5	26.00	5.4	20.00	6.1										
						24.00	5.2	22.00	5.4	25.00	5.5	26.30	5.4	21.00	5.9										
						25.00	5.1	23.00	5.4	26.00	5.4			22.00	5.8										
										26.50	5.4			23.00	5.7										
														24.00	5.7										
														25.00	5.7										
														26.00	5.6										

LAKE# 225 TEMPERATURE PROFILES FOR 1987

MAY 18 DAY# 138		JUN 1 DAY# 152		JUN 15 DAY# 166		JUN 29 DAY# 180		JUL 13 DAY# 194		JUL 27 DAY# 208		AUG 10 DAY# 222		AUG 24 DAY# 236		SEP 7 DAY# 250		SEP 23 DAY# 266		OCT 5 DAY# 278	
DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)
0.00	14.0	0.00	21.9	0.00	22.7	0.00	20.8	0.00	18.0	0.00	24.6	0.00	22.2	0.00	17.0	0.00	17.6	0.00	15.0	0.00	9.8
1.00	14.0	1.00	21.9	1.00	22.6	1.00	20.8	1.00	17.9	1.00	23.8	1.00	22.0	1.00	17.0	1.00	17.6	.50	15.0	.50	9.8
1.75	14.0	1.25	21.8	1.90	20.2	1.50	20.4	1.60	19.0	1.50	23.6	1.50	21.9	2.00	17.7	1.60	17.6	1.00	15.0	1.00	9.8
		1.50	20.1															1.50	15.0	1.50	9.8
		1.75	18.9															1.60	15.0		
		1.90	17.6																		

LAKE# 226 N TEMPERATURE PROFILES FOR 1987

MAY 19 DAY# 139		JUN 4 DAY# 155		JUN 16 DAY# 167		JUL 3 DAY# 184		JUL 14 DAY# 195		JUL 30 DAY# 211		AUG 11 DAY# 223		AUG 27 DAY# 239		SEP 8 DAY# 251		SEP 24 DAY# 267		OCT 6 DAY# 279		OCT 19 DAY# 292	
DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)
0.00	13.7	0.00	16.5	0.00	22.1	0.00	21.9	0.00	20.0	0.00	24.4	0.00	22.1	0.00	18.6	0.00	17.4	0.00	15.3	0.00	10.9	0.00	6.9
1.00	13.7	1.00	16.6	1.00	22.1	1.00	21.2	1.00	20.0	1.00	24.4	1.00	22.1	1.00	18.6	1.00	17.4	1.00	15.3	1.00	11.0	1.00	6.9
2.00	13.7	2.00	16.6	2.00	21.6	2.00	20.3	2.00	20.0	2.00	24.2	2.00	22.2	2.00	18.6	2.00	17.4	2.00	15.3	2.00	11.0	2.00	6.9
3.00	13.7	3.00	16.6	2.25	21.2	3.00	20.0	3.00	19.9	2.25	23.8	3.00	22.2	3.00	18.6	3.00	17.4	3.00	15.3	3.00	11.0	3.00	6.9
4.00	13.7	3.25	16.5	2.50	20.8	4.00	19.6	4.00	19.6	2.50	23.4	4.00	22.0	4.00	18.6	4.00	17.4	4.00	15.3	4.00	11.0	4.00	6.9
4.25	13.6	3.50	15.5	2.75	19.5	4.25	18.3	4.25	18.8	2.75	23.1	4.25	21.5	4.90	4.9	5.00	17.3	5.00	15.3	5.00	11.0	5.00	6.9
4.50	13.5	3.75	15.1	3.00	19.1	4.50	16.6	4.50	17.6	3.00	22.8	4.50	20.5	5.00	18.5	5.25	17.3	6.00	15.1	6.00	11.0	6.00	6.9
4.75	12.8	4.00	14.0	3.25	19.0	4.75	15.4	4.75	16.3	3.25	22.4	4.75	19.1	6.00	18.4	5.50	17.2	6.25	14.4	7.00	11.0	7.00	6.9
5.00	11.4	4.25	13.5	3.50	18.1	5.00	14.4	5.00	15.3	3.50	21.8	5.00	17.5	6.25	13.0	5.75	16.3	6.50	14.4	8.00	10.9	8.00	6.9
5.25	9.5	4.50	13.0	3.75	17.5	5.25	13.6	5.25	14.2	3.75	21.2	5.25	16.3	6.50	12.1	6.00	16.0	6.75	13.2	8.25	10.3	9.00	6.9
5.50	8.8	4.75	12.6	4.00	16.6	5.50	12.8	5.50	13.0	4.00	20.8	5.50	15.1	6.75	11.2	6.25	14.4	7.00	11.7	8.50	8.7	10.00	6.9
5.75	7.9	5.00	12.2	4.25	15.5	5.75	11.6	5.75	12.3	4.25	20.2	5.75	14.0	7.00	10.1	6.50	13.3	7.25	10.9	8.75	7.7	11.00	6.9
6.00	7.4	5.25	11.8	4.50	15.3	6.00	10.7	6.00	11.3	4.50	19.2	6.00	12.8	7.25	9.4	6.75	12.2	7.50	10.3	9.00	7.0	12.00	6.4
6.25	5.6	5.50	11.4	4.75	14.3	6.25	10.0	6.25	10.6	4.75	18.0	6.25	11.7	7.50	8.7	7.00	10.9	7.75	9.5	9.25	6.5	13.00	5.9
6.50	5.4	5.75	10.5	5.00	13.0	6.50	9.8	6.50	9.7	5.00	17.1	6.50	10.9	7.75	8.3	7.25	10.1	8.00	8.6	9.50	6.1	14.00	5.2
6.75	5.6	6.00	9.9	5.25	12.7	6.75	9.1	6.75	9.2	5.25	15.8	6.75	10.4	8.00	7.8	7.50	9.5	8.25	8.1	9.75	6.0	14.50	5.2
7.00	5.6	6.25	8.9	5.50	12.1	7.00	8.4	7.00	8.6	5.50	14.7	7.00	9.7	8.25	7.4	7.75	8.3	8.50	7.3	10.00	5.9		
8.00	4.8	6.50	8.2	5.75	11.2	7.25	7.7	7.25	7.9	5.75	13.6	7.25	8.8	8.50	7.0	8.00	8.2	8.75	6.9	11.00	5.3		
9.00	4.3	6.75	7.5	6.00	10.7	7.50	7.4	7.50	7.5	6.00	12.6	7.50	8.2	8.75	6.7	8.25	7.5	9.00	6.7	12.00	5.1		
10.00	4.1	7.00	6.9	6.25	10.1	7.75	7.0	7.75	7.1	6.25	11.3	7.75	7.8	9.00	6.4	8.50	7.2	10.00	6.0	13.00	5.0		
11.00	3.9	7.25	6.1	6.50	9.4	8.00	6.4	8.00	6.8	6.50	10.6	8.00	7.3	10.00	5.6	8.75	6.9	11.00	5.6	14.00	5.0		
12.00	3.9	7.50	5.9	6.75	8.6	8.25	6.1	8.25	6.4	6.75	9.6	9.00	6.4	11.00	5.2	9.00	6.5	12.00	5.4	15.00	5.0		
13.00	3.9	7.75	5.7	7.00	7.7	8.50	5.9	8.50	6.0	7.00	9.0	10.00	5.6	12.00	5.1	10.00	5.8	13.00	5.2				
14.00	3.9	8.00	5.5	7.25	6.6	8.75	5.6	8.75	5.9	7.25	8.5	11.00	5.3	13.00	5.0	11.00	5.4	14.00	5.1				
14.90	3.9	9.00	5.0	7.50	6.6	9.00	5.4	9.00	5.6	7.50	7.9	12.00	5.0	14.00	4.9	12.00	5.2	14.75	5.1				
		10.00	4.7	7.75	6.0	10.00	5.2	10.00	5.2	7.75	7.5	13.00	4.9			13.00	5.1						
		11.00	4.6	8.00	5.8	11.00	5.0	11.00	5.0	8.00	7.2	14.00	4.9			14.00	5.1						
		12.00	4.5	9.00	5.4	12.00	4.9	12.00	4.9	8.25	6.7	14.90	4.9			14.75	5.0						
		13.00	4.5	10.00	5.3	13.00	4.8	13.00	4.8	8.50	6.4												
		14.00	4.5	11.00	5.1	14.00	4.7	14.00	4.8	8.75	6.2												
		14.00	4.5	12.00	4.9	15.00	4.8	14.75	4.8	9.00	6.0												
		15.50	4.5	13.00	4.8					10.00	5.4												
				14.00	4.8					11.00	5.1												
				15.00	4.8					12.00	4.9												
										13.00	4.9												
										14.00	4.8												
										14.75	4.8												

LAKE# 226 S TEMPERATURE PROFILES FOR 1987

MAY 19 DAY# 139		JUN 4 DAY# 155		JUN 16 DAY# 167		JUL 3 DAY# 184		JUL 14 DAY# 195		JUL 30 DAY# 211		AUG 11 DAY# 223		AUG 27 DAY# 239		SEP 8 DAY# 251		SEP 24 DAY# 267		OCT 6 DAY# 279		OCT 19 DAY# 292	
DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)
0.00	13.0	0.00	16.3	0.00	21.7	0.00	21.8	0.00	19.6	0.00	24.8	0.00	22.0	0.00	18.5	0.00	17.1	0.00	15.3	0.00	10.3	0.00	7.3
1.00	13.0	1.00	16.3	1.00	21.4	1.00	21.7	1.00	19.7	1.00	24.7	1.00	22.0	1.00	18.5	1.00	17.2	1.00	15.3	1.00	10.8	1.00	7.2
2.00	13.0	2.00	16.2	2.00	21.3	1.25	21.2	2.00	19.7	2.00	24.1	2.00	22.0	2.00	18.5	2.00	17.2	2.00	15.3	2.00	10.9	2.00	7.2
3.00	13.0	3.00	15.4	2.25	21.1	1.50	21.1	3.00	19.8	2.25	23.9	3.00	22.0	3.00	18.5	3.00	17.2	3.00	15.3	3.00	10.9	3.00	7.1
4.00	13.0	3.25	14.8	2.50	21.0	1.75	20.9	4.00	19.4	2.50	23.5	4.00	21.8	4.00	18.5	4.00	17.2	4.00	15.3	4.00	10.9	4.00	7.1
4.25	12.8	3.50	14.5	2.75	19.9	2.00	20.4	4.25	18.8	2.75	23.0	4.25	21.0	5.00	18.4	5.00	17.1	5.00	15.3	5.00	10.9	5.00	7.1
4.50	12.3	3.75	14.0	3.00	19.3	3.00	19.7	4.50	17.3	3.00	22.7	4.50	20.0	5.25	17.9	5.25	16.7	5.00	15.0	6.00	10.9	6.00	7.1
4.75	9.9	4.00	14.0	3.25	18.8	4.00	19.4	4.75	15.8	3.25	22.0	4.75	19.0	5.50	17.3	5.50	16.4	6.25	14.4	7.00	10.9	7.00	7.1
5.00	8.6	4.25	13.9	3.50	18.2	4.25	17.9	5.00	14.8	3.50	21.6	5.00	17.4	5.75	15.7	5.75	15.8	6.50	13.8	8.00	10.8	8.00	7.1
5.25	7.9	4.50	13.1	3.75	17.2	4.50	16.3	5.25	13.7	3.75	21.1	5.25	16.0	6.00	13.8	6.00	15.1	6.75	12.4	8.25	10.7	9.00	7.1
5.50	7.1	4.75	12.9	4.00	15.8	4.75	15.0	5.50	12.0	4.00	20.7	5.50	15.0	6.25	13.5	6.25	13.8	7.00	11.6	8.50	10.5	10.00	7.1
5.75	6.4	5.00	12.5	4.25	15.2	5.00	14.1	5.75	11.6	4.25	20.0	5.75	14.0	6.50	11.5	6.50	11.8	7.25	10.9	8.75	7.5	11.00	7.1
6.00	5.5	5.25	12.2	4.50	14.4	5.25	12.5	6.00	10.7	4.50	19.0	6.00	12.3	6.75	10.9	6.75	10.9	7.50	10.2	9.00	7.0	11.50	6.3
6.25	5.0	5.50	11.6	4.75	14.0	5.50	11.6	6.25	10.0	4.75	17.9	6.25	11.2	7.00	10.4	7.00	10.3	7.75	9.1	10.00	6.2		
6.50	4.7	5.75	10.6	5.00	13.3	5.75	10.7	6.50	9.1	5.00	16.4	6.50	10.2	7.25	9.9	7.25	9.8	8.00	8.5	11.00	6.2		
6.75	4.5	6.00	9.9	5.25	12.5	6.00	9.8	6.75	8.7	5.25	15.3	6.75	9.4	7.50	9.3	7.50	9.4	8.25	7.4	11.50	5.9		
7.00	4.3	6.25	8.2	5.50	12.1	6.25	9.2	7.00	8.2	5.50	13.8	7.00	9.0	7.75	8.6	7.75	8.8	8.50	7.3				
8.00	3.8	6.50	7.5	5.75	11.0	6.50	8.7	7.25	7.6	5.75	12.7	7.25	8.6	8.00	8.1	8.00	8.2	8.75	7.0				
9.00	3.7	6.75	6.9	6.00	10.2	6.75	7.9	7.50	7.2	6.00	12.0	7.50	8.2	8.25	7.6	8.25	7.4	9.00	6.6				
10.00	3.5	7.00	6.1	6.25	8.7	7.00	7.4	7.75	7.0	6.25	11.2	7.75	7.8	8.50	7.2	8.50	7.2	10.00	6.1				
11.00	3.5	8.00	5.5	6.50	8.2	7.25	6.8	8.00	6.8	6.50	10.4	8.00	7.3	8.75	6.8	8.75	6.8	10.75	5.9				
11.75	3.5	9.00	5.0	6.75	7.6	7.50	6.6	8.25	6.4	6.75	9.4	9.00	6.4	9.00	6.5	9.00	6.4						
		10.00	4.9	7.00	7.3	7.75	6.3	8.50	6.0	7.00	8.9	10.00	5.8	10.00	5.9	10.00	5.9						
		11.00	4.8	7.25	6.9	8.00	6.0	8.75	5.8	7.25	8.3	11.00	5.6	11.00	5.7	11.00	5.8						
		11.80	4.8	7.50	6.6	9.00	5.4	9.00	5.7	7.50	7.7	11.70	5.6	11.50	5.7	11.75	5.7						
				7.75	6.0	10.00	5.1	10.00	5.2	7.75	7.4												
				8.00	5.8	11.00	5.0	11.00	5.0	8.00	7.2												
				9.00	5.4	11.60	5.0	11.60	5.0	8.25	6.7												
				10.00	5.2					8.50	6.5												
				11.00	5.1					8.75	6.1												
				11.80	5.2					9.00	5.9												
										10.00	5.5												
										11.00	5.4												
										11.50	5.4												

LAKE# 227 TEMPERATURE PROFILES FOR 1987

MAY 5 DAY# 125		MAY 19 DAY# 139		MAY 26 DAY# 146		JUN 2 DAY# 153		JUN 16 DAY# 167		JUL 1 DAY# 181		JUL 14 DAY# 195		JUL 28 DAY# 209		AUG 11 DAY# 223		AUG 25 DAY# 237		SEP 8 DAY# 251		SEP 21 DAY# 264		OCT 6 DAY# 279		OCT 27 DAY# 300	
DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)
0.00	14.5	0.00	14.2	0.00	14.9	0.00	19.2	0.00	22.5	0.00	19.5	0.00	19.1	0.00	24.3	0.00	21.8	0.00	17.2	0.00	17.7	0.00	15.0	0.00	10.1	0.00	4.4
1.00	14.4	1.00	14.2	1.00	14.9	1.00	19.2	1.00	22.4	1.00	19.5	1.00	19.1	1.00	23.7	1.00	21.7	1.00	17.3	1.00	17.3	1.00	14.9	1.00	10.0	1.00	4.3
2.00	13.6	2.00	14.2	1.25	14.1	1.25	19.1	1.25	21.8	1.25	19.4	2.00	17.9	1.25	22.7	1.25	21.5	2.00	17.0	2.00	17.1	2.00	14.9	2.00	10.0	2.00	4.2
2.25	12.8	2.25	14.2	1.50	13.2	1.50	17.6	1.50	20.7	1.50	19.4	2.25	16.6	1.50	20.9	1.50	21.5	2.25	16.9	2.25	16.3	3.00	14.5	3.00	10.0	3.00	4.2
2.50	12.2	2.50	13.9	1.75	12.6	1.75	15.2	1.75	19.1	1.75	19.3	2.50	15.6	1.75	19.6	1.75	20.9	2.50	16.7	2.50	16.1	3.25	13.5	4.00	9.3	4.00	4.2
2.75	10.9	2.75	12.9	2.00	12.3	2.00	14.0	2.00	17.3	2.00	18.3	2.75	14.4	2.00	18.0	2.00	19.2	2.75	16.0	2.75	15.3	3.50	12.4	5.00	9.0	5.00	4.2
3.00	9.1	3.00	11.2	2.25	11.7	2.25	12.8	2.25	16.3	2.25	17.5	3.00	12.2	2.25	16.8	2.25	17.7	3.00	14.7	3.00	14.5	3.75	11.5	5.25	8.1	6.00	4.2
3.25	7.8	3.25	9.4	2.50	11.3	2.50	12.3	2.50	14.7	2.50	15.8	3.25	11.4	2.50	15.9	2.50	16.2	3.25	12.8	3.25	13.2	4.00	10.6	5.50	7.6	7.00	4.2
3.50	7.4	3.50	8.2	2.75	11.1	2.75	11.4	2.75	13.4	2.75	14.0	3.50	10.3	2.75	15.1	2.75	14.8	3.50	11.7	3.50	12.2	4.25	9.6	5.75	6.8	8.00	4.2
3.75	6.4	3.75	7.4	3.00	10.8	3.00	10.7	3.00	12.3	3.00	12.4	3.75	9.7	3.00	13.5	3.00	13.8	3.75	10.9	3.75	11.0	4.50	8.8	6.00	6.2	9.00	4.2
4.00	5.8	4.00	6.4	3.25	10.2	3.25	9.9	3.25	11.1	3.25	11.2	4.00	8.7	3.25	13.2	3.25	12.8	4.00	9.9	4.00	10.2	4.75	8.1	7.00	5.5	10.00	4.2
5.00	5.0	4.25	5.5	3.50	9.2	3.50	9.0	3.50	9.8	3.50	10.4	4.25	7.6	3.50	10.7	3.50	11.7	4.25	9.1	4.25	9.1	5.00	7.6	8.00	5.1	10.10	4.6
6.00	4.8	4.50	5.2	3.75	8.3	3.75	8.7	3.75	9.0	3.75	9.4	4.50	7.0	3.75	10.1	3.75	10.3	4.50	8.3	4.50	8.5	5.25	7.0	9.00	4.9		
7.00	4.7	4.75	4.9	4.00	7.0	4.00	7.9	4.00	8.0	4.00	8.4	4.75	6.7	4.00	8.9	4.00	9.2	4.75	7.6	4.75	7.8	5.50	6.7	10.00	4.9		
8.00	4.7	5.00	4.7	4.25	5.9	4.25	6.8	4.25	7.4	4.25	7.6	5.00	6.2	4.25	8.5	4.25	8.9	5.00	7.2	5.00	7.1	5.75	6.4				
9.00	4.7	6.00	4.3	4.50	5.7	4.50	6.0	4.50	6.7	4.50	7.2	5.25	5.7	4.50	7.6	4.50	8.3	5.25	6.6	5.25	6.3	6.00	6.1				
10.00	4.7	7.00	4.2	4.75	5.5	4.75	5.5	4.75	6.1	4.75	6.7	5.50	5.4	4.75	7.1	4.75	7.7	5.50	6.3	5.50	6.1	7.00	5.3				
		8.00	4.2	5.00	5.2	5.00	5.3	5.00	5.8	5.00	6.1	5.75	5.3	5.00	6.8	5.00	7.2	5.75	6.0	5.75	5.8	8.00	5.0				
		9.00	4.2	6.00	4.7	6.00	4.7	6.00	5.2	5.25	5.6	6.00	5.2	5.25	5.9	5.25	6.7	6.00	5.9	6.00	5.6	9.00	4.9				
		10.00	4.2	7.00	4.4	7.00	4.6	7.00	4.8	5.50	5.4	7.00	4.9	5.50	5.0	5.50	6.3	7.00	5.2	7.00	5.1	10.00	4.8				
				8.00	4.0	8.00	4.4	8.00	4.7	5.75	5.4	8.00	4.7	5.75	4.6	5.75	6.0	8.00	4.9	8.00	4.8						
				9.00	4.3	9.00	4.4	9.00	4.6	6.00	5.2	9.00	4.4	6.00	4.5	6.00	5.7	9.00	4.7	9.00	4.7						
				10.00	4.3	10.00	4.4	10.00	4.6	7.00	4.9	10.00	4.4	10.00	4.4	7.00	5.1	10.00	4.7	10.00	4.7						
				10.30	4.3	10.20	4.4	10.20	4.8	8.00	4.7	10.25	4.4	10.20	4.4	8.00	4.8	10.25	4.8								
										9.00	4.7					9.00	4.6										
										10.00	4.7					10.00	4.6										
										10.20	4.7					10.25	4.6										

LAKE# 239 TEMPERATURE PROFILES FOR 1987

MAY 7 DAY# 127		MAY 18 DAY# 138		JUN 4 DAY# 155		JUN 15 DAY# 166		JUL 2 DAY# 183		JUL 13 DAY# 194		JUL 30 DAY# 211		AUG 10 DAY# 222		AUG 27 DAY# 239		SEP 7 DAY# 250		SEP 21 DAY# 264		OCT 5 DAY# 278		OCT 28 DAY# 301	
DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)
0.00	11.9	0.00	12.8	0.00	16.5	0.00	20.1	0.00	19.6	0.00	19.6	0.00	23.7	0.00	21.3	0.00	18.9	0.00	17.6	0.00	15.9	0.00	12.0	0.00	5.9
1.00	11.6	1.00	12.8	1.00	16.5	1.00	20.1	1.00	19.7	1.00	19.6	1.00	23.8	1.00	21.5	1.00	18.8	1.00	17.6	1.00	15.9	1.00	12.0	1.00	5.9
2.00	11.3	2.00	12.8	2.00	16.5	2.00	20.2	2.00	19.7	2.00	19.6	2.00	23.8	2.00	21.5	2.00	18.8	2.00	17.5	2.00	15.9	2.00	12.0	2.00	5.9
3.00	11.2	3.00	12.8	3.00	16.5	3.00	20.2	3.00	19.7	3.00	19.6	2.25	23.7	3.00	21.6	3.00	18.8	3.00	17.5	3.00	15.9	3.00	12.0	3.00	5.9
4.00	11.1	4.00	12.8	4.00	16.5	3.25	20.0	4.00	19.7	4.00	19.6	2.50	23.7	4.00	21.6	4.00	18.7	4.00	17.4	4.00	15.9	4.00	12.0	4.00	5.9
5.00	10.8	5.00	12.8	4.25	16.4	3.50	19.3	5.00	19.4	5.00	19.6	2.75	23.6	5.00	21.6	5.00	18.7	5.00	17.2	5.00	15.9	5.00	12.0	5.00	5.9
6.00	9.9	6.00	12.8	4.50	16.4	3.75	19.0	5.25	18.1	5.25	18.6	3.00	22.6	5.25	21.5	6.00	18.6	6.00	17.1	6.00	15.9	6.00	12.0	6.00	5.9
7.00	9.4	7.00	12.6	4.75	16.2	4.00	18.8	5.50	17.1	5.50	17.1	3.25	22.3	5.50	21.5	7.00	18.1	7.00	17.1	7.00	15.9	7.00	12.0	7.00	5.9
8.00	9.1	7.25	12.3	5.00	13.7	4.25	18.4	5.75	15.6	5.75	16.1	3.50	22.2	5.75	20.5	7.25	17.5	7.25	17.1	8.00	15.9	8.00	12.0	8.00	5.9
9.00	8.7	7.50	12.0	5.25	13.1	4.50	18.3	6.00	14.2	6.00	15.3	3.75	22.1	6.00	19.2	7.50	16.3	7.50	17.0	8.25	15.7	9.00	12.0	9.00	5.9
10.00	8.4	7.75	12.0	5.50	12.7	4.75	17.9	6.25	13.8	6.25	14.3	4.00	21.6	6.25	18.3	7.75	14.6	7.75	16.5	8.50	15.1	10.00	12.0	10.00	5.9
11.00	8.2	8.00	12.0	5.75	12.5	5.00	17.2	6.50	13.1	6.50	13.4	4.25	21.1	6.50	17.6	8.00	13.5	8.00	15.9	8.75	14.2	11.00	12.0	11.00	5.9
12.00	7.9	8.25	11.3	6.00	12.3	5.25	16.2	6.75	12.7	6.75	13.0	4.50	20.8	6.75	16.5	8.25	12.9	8.25	15.6	9.00	13.3	11.25	12.0	12.00	5.9
13.00	7.7	8.50	10.7	7.00	12.0	5.50	16.0	7.00	12.4	7.00	12.8	4.75	20.6	7.00	15.0	8.50	12.3	8.50	14.7	9.25	12.4	11.50	12.1	13.00	5.9
14.00	7.7	8.75	10.3	8.00	11.6	5.75	15.7	8.00	[illegible].6	7.25	12.4	5.00	20.4	7.25	14.1	8.75	11.9	8.75	12.5	9.50	11.8	11.75	11.6	14.00	5.9
15.00	7.1	9.00	9.9	9.00	11.0	6.00	14.1	9.00	10.7	7.50	12.1	5.25	19.8	7.50	13.5	9.00	11.4	9.00	11.5	9.75	11.0	12.00	11.1	15.00	5.9
16.00	6.8	9.25	9.3	10.00	10.2	6.25	13.0	10.00	10.0	7.75	11.8	5.50	19.4	7.75	12.9	9.25	11.0	9.25	11.1	10.00	10.5	12.25	10.2	16.00	5.9
17.00	6.6	9.50	9.0	11.00	9.3	6.50	12.8	11.00	9.3	8.00	11.6	5.75	18.9	8.00	12.3	9.50	10.5	9.50	10.5	10.25	10.1	12.50	9.6	17.00	5.9
18.00	6.5	9.75	8.8	12.00	8.5	6.75	12.4	12.00	8.6	8.25	11.2	6.00	18.1	8.25	11.7	9.75	10.2	9.75	10.3	10.50	9.9	12.75	8.8	18.00	5.9
19.00	6.1	10.00	8.3	13.00	8.1	7.00	12.2	13.00	8.0	8.50	10.9	6.25	17.0	8.50	11.2	10.00	10.0	10.00	10.1	10.75	9.8	13.00	8.3	19.00	5.9
20.00	6.1	11.00	8.0	14.00	7.8	8.00	11.5	14.00	7.5	8.75	10.6	6.50	16.4	8.75	11.0	11.00	9.3	11.00	9.4	11.00	9.4	14.00	7.5	20.00	5.8
21.00	5.9	12.00	7.7	15.00	7.6	9.00	10.9	15.00	7.0	9.00	10.3	6.75	16.0	9.00	10.6	12.00	8.8	12.00	8.9	12.00	8.7	15.00	6.9	21.00	5.8
22.00	5.5	13.00	7.5	16.00	7.0	10.00	10.0	16.00	6.6	10.00	9.8	7.00	15.1	10.00	9.8	13.00	8.2	13.00	8.1	13.00	8.1	16.00	6.7	22.00	5.8
23.00	5.4	14.00	7.0	17.00	6.7	11.00	9.4	17.00	6.1	11.00	9.3	7.25	13.7	11.00	9.3	14.00	7.4	14.00	7.6	14.00	7.6	17.00	6.3	23.00	5.8
24.00	5.3	15.00	6.8	18.00	6.5	12.00	8.9	18.00	5.8	12.00	8.5	7.50	13.0	12.00	8.7	15.00	6.9	15.00	7.1	15.00	7.1	18.00	6.1	24.00	5.8
25.00	5.3	16.00	6.5	19.00	6.1	13.00	8.4	19.00	5.7	13.00	7.8	7.75	12.5	13.00	8.1	16.00	6.6	16.00	6.8	16.00	6.5	19.00	5.9	25.00	5.8
26.00	5.2	17.00	6.4	20.00	5.9	14.00	7.9	20.00	5.5	14.00	7.3	8.00	12.0	14.00	7.5	17.00	6.2	17.00	6.5	17.00	6.2	20.00	5.7	26.00	5.8
27.00	5.2	18.00	5.9	21.00	5.7	15.00	7.6	21.00	5.4	15.00	7.0	8.25	11.5	15.00	7.2	18.00	6.1	18.00	6.1	18.00	6.0	21.00	5.5	27.00	5.8
28.00	5.2	19.00	5.8	22.00	5.6	16.00	7.0	22.00	5.4	16.00	6.6	8.50	11.2	16.00	6.8	19.00	5.8	19.00	5.8	19.00	5.9	22.00	5.4	28.00	5.8
29.00	5.2	20.00	5.8	23.00	5.6	17.00	6.7	23.00	5.4	17.00	6.2	8.75	10.8	17.00	6.3	20.00	5.7	20.00	5.7	20.00	5.7	23.00	5.3	29.00	5.7
30.00	5.1	21.00	5.6	24.00	5.5	18.00	6.5	24.00	5.4	18.00	6.0	9.00	10.6	18.00	6.1	21.00	5.5	21.00	5.4	21.00	5.5	24.00	5.2	29.25	5.7
		22.00	5.5	25.00	5.4	19.00	6.1	25.00	5.3	19.00	5.8	9.25	10.4	19.00	5.8	22.00	5.4	22.00	5.4	22.00	5.4	25.00	5.2		
		23.00	5.4	26.00	5.4	20.00	6.0	26.00	5.3	20.00	5.6	9.50	10.2	20.00	5.6	23.00	5.3	23.00	5.3	23.00	5.4	26.00	5.2		
		24.00	5.3	27.00	5.4	21.00	5.8	27.00	5.2	21.00	5.4	9.75	10.0	21.00	5.5	24.00	5.3	24.00	5.3	24.00	5.3	27.00	5.1		
		25.00	5.2	28.00	5.3	22.00	5.6	28.00	5.2	22.00	5.3	10.00	9.8	22.00	5.3	25.00	5.2	25.00	5.2	25.00	5.2	28.00	5.1		
		26.00	5.2	29.00	5.3	23.00	5.5	29.00	5.1	23.00	5.3	11.00	9.1	23.00	5.3	26.00	5.1	26.00	5.2	26.00	5.2	29.00	5.1		
		27.00	5.5	29.25	5.3	24.00	5.5	29.80	5.1	24.00	5.2	12.00	8.5	24.00	5.2	27.00	5.1	27.00	5.1	27.00	5.2	30.00	5.1		
		28.00	5.1			25.00	5.4			25.00	5.1	13.00	8.0	25.00	5.2	28.00	5.1	28.00	5.1	28.00	5.2				
		29.00	5.1			26.00	5.4			26.00	5.0	14.00	7.5	26.00	5.1	29.00	5.1	29.00	5.2						
		30.00	5.1			27.00	5.3			27.00	5.0	15.00	7.0	27.00	5.1	30.00	5.0	29.50	5.1						
						28.00	5.3			28.00	5.0	16.00	6.6	28.00	5.0	30.15	5.0	30.00	5.1						
						29.00	5.3			29.00	5.0	17.00	6.3	29.00	5.0										
										30.00	4.9	18.00	6.0	30.00	5.0										
										30.25	4.9	19.00	5.8												
												20.00	5.6												
												21.00	5.4												
												22.00	5.3												
												23.00	5.2												
												24.00	5.1												
												25.00	5.1												
												26.00	5.0												
												27.00	5.0												
												28.00	4.9												
												29.00	4.9												

LAKE# 240 TEMPERATURE PROFILES FOR 1987

MAY 7 DAY# 127		MAY 21 DAY# 141		JUN 4 DAY# 155		JUN 18 DAY# 169		JUL 2 DAY# 183		JUL 30 DAY# 211		AUG 13 DAY# 225		AUG 27 DAY# 239		SEP 10 DAY# 253		SEP 21 DAY# 264		OCT 6 DAY# 279		OCT 26 DAY# 299	
DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)
0.00	11.5	0.00	12.8	0.00	17.1	0.00	22.4	0.00	19.8	0.00	24.4	0.00	20.3	0.00	18.4	0.00	17.4	0.00	15.8	0.00	11.1	0.00	5.3
1.00	11.4	1.00	12.9	1.00	17.1	1.00	22.4	1.00	19.8	1.00	24.4	1.00	20.6	1.00	18.5	1.00	17.4	1.00	15.8	1.00	11.1	1.00	5.3
2.00	11.4	2.00	13.0	2.00	17.1	2.00	22.4	2.00	19.8	2.00	24.1	2.00	20.6	2.00	18.6	2.00	17.4	2.00	15.8	2.00	11.1	2.00	5.3
3.00	11.4	3.00	13.0	3.00	17.1	3.00	22.4	3.00	19.8	3.00	23.2	3.00	20.7	3.00	18.6	3.00	17.4	3.00	15.8	3.00	11.1	3.00	5.3
4.00	11.4	4.00	13.0	4.00	17.1	3.25	22.3	4.00	19.8	3.25	22.7	4.00	20.7	4.00	18.5	4.00	17.4	4.00	15.8	4.00	11.1	4.00	5.3
5.00	11.2	5.00	13.0	5.00	16.1	3.50	21.8	5.00	19.3	3.50	22.4	5.00	20.7	5.00	18.5	5.00	17.4	5.00	15.8	5.00	11.1	5.00	5.3
6.00	10.9	6.00	13.0	5.25	15.4	3.75	21.4	5.25	19.1	3.75	22.1	6.00	20.3	6.00	18.4	6.00	17.3	6.00	15.8	6.00	11.1	6.00	5.3
7.00	10.1	7.00	13.0	5.50	14.2	4.00	20.3	5.50	18.3	4.00	21.8	6.25	20.3	6.25	18.3	7.00	17.2	7.00	15.8	7.00	11.1	7.00	5.3
8.00	9.3	8.00	13.0	5.75	13.7	4.25	19.5	5.75	17.7	4.25	21.3	6.50	20.2	7.00	18.3	8.00	16.9	8.00	15.8	8.00	11.2	8.00	5.3
9.00	9.1	9.00	13.0	6.00	13.1	4.50	19.1	6.00	16.8	4.50	21.0	6.75	19.5	7.25	18.2	9.00	16.1	9.00	15.8	9.00	11.2	9.00	5.3
10.00	9.0	9.25	12.7	7.00	12.5	4.75	18.7	6.25	15.6	4.75	20.6	7.00	17.5	7.50	18.2	9.25	13.0	9.25	15.6	10.00	11.2	10.00	5.3
11.00	8.9	9.50	12.0	8.00	12.2	5.00	18.2	6.50	15.0	5.00	20.2	7.25	16.4	7.75	17.4	9.50	12.9	9.50	15.0	11.00	11.1	11.00	5.3
12.00	8.7	9.75	10.8	9.00	11.9	5.25	17.5	6.75	14.2	5.25	20.0	7.50	15.8	8.00	16.4	9.75	12.6	9.75	14.2	12.00	11.1	12.00	5.3
13.00	8.6	10.00	10.2	10.00	11.3	5.50	17.1	7.00	14.0	5.50	19.9	7.75	14.8	8.25	15.0	10.00	12.1	10.00	13.4	13.00	11.0	13.00	5.3
		10.25	9.9	11.00	11.3	5.75	16.7	7.25	13.2	5.75	19.6	8.00	14.3	8.50	14.5	10.25	11.7	10.25	12.5				
		10.50	9.7	12.00	10.7	6.00	15.9	7.50	13.0	6.00	19.1	8.25	13.8	8.75	13.7	10.50	11.1	10.50	11.7				
		10.75	9.3	13.00	10.6	6.25	15.0	7.75	12.5	6.25	18.6	8.50	13.4	9.00	12.9	10.75	10.8	10.75	11.3				
		11.00	9.0	13.40	10.0	6.50	14.1	8.00	12.2	6.50	18.0	8.75	12.9	9.25	12.5	11.00	10.6	11.00	10.9				
		12.00	8.7			6.75	13.7	9.00	11.7	6.75	17.4	9.00	12.6	9.50	12.3	12.00	10.4	12.00	10.4				
		13.00	8.6			7.00	13.0	10.00	11.3	7.00	16.4	9.25	12.3	9.75	11.9	13.00	10.2	13.00	10.1				
		13.75	8.3			8.00	12.3	11.00	10.9	7.25	15.7	9.50	11.9	10.00	11.7								
						9.00	11.6	12.00	10.5	7.50	15.0	9.75	11.7	11.00	11.0								
						10.00	11.3	13.00	10.4	7.75	14.3	10.00	11.5	12.00	10.5								
						11.00	10.8	13.50	10.1	8.00	13.7	11.00	10.8	13.00	10.3								
						12.00	10.5			8.25	13.2	12.00	10.5	13.30	10.2								
						13.00	9.6			8.50	12.6	13.00	10.4										
										8.75	12.3	13.25	10.3										
										9.00	12.0												
										10.00	11.2												
										11.00	10.6												
										12.00	10.4												
										12.70	10.3												

LAKE# 260 TEMPERATURE PROFILES FOR 1987

MAY 14 DAY# 134		MAY 24 DAY# 144		JUN 22 DAY# 173		JUL 7 DAY# 188		JUL 20 DAY# 201		AUG 17 DAY# 229		SEP 3 DAY# 246		SEP 14 DAY# 257		OCT 1 DAY# 274		OCT 12 DAY# 285		OCT 19 DAY# 292	
DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)
0.00	13.7	0.00	11.6	0.00	23.7	0.00	22.3	0.00	19.2	0.00	22.8	0.00	17.0	0.00	16.0	0.00	14.1	0.00	8.1	0.00	6.9
1.00	13.7	1.00	11.5	1.00	23.7	1.00	22.2	1.00	19.4	1.00	22.8	1.00	17.1	1.00	16.0	1.00	14.0	1.00	8.1	1.00	6.9
2.00	13.7	2.00	11.3	2.00	23.7	2.00	21.6	2.00	19.4	2.00	22.8	2.00	17.1	2.00	16.0	2.00	14.0	2.00	8.0	2.00	6.9
3.00	13.7	3.00	11.0	3.00	23.0	3.00	21.3	3.00	19.4	3.00	23.0	3.00	17.1	3.00	16.0	3.00	14.0	3.00	8.0	3.00	6.9
4.00	13.6	3.25	10.7	3.25	22.7	4.00	20.6	4.00	19.4	4.00	23.0	4.00	17.1	4.00	16.0	4.00	14.0	4.00	8.0	4.00	6.9
5.00	13.6	3.50	10.4	3.50	21.6	4.25	20.2	5.00	19.3	5.00	23.0	5.00	17.1	5.00	16.0	5.00	14.0	5.00	8.0	5.00	6.9
6.00	13.6	3.75	9.9	3.75	20.8	4.50	19.9	5.25	19.2	6.00	22.7	6.00	17.1	6.00	16.0	6.00	14.0	6.00	8.0	6.00	6.9
7.00	12.9	4.00	9.8	4.00	19.6	4.75	19.7	5.50	19.1	6.25	22.2	7.00	17.1	7.00	16.0	7.00	14.0	7.00	8.0	7.00	6.9
7.25	12.7	5.00	9.4	4.25	19.0	5.00	18.9	5.75	18.9	6.50	21.3	8.00	16.7	8.00	15.9	8.00	14.0	8.00	8.0	8.00	6.9
7.50	12.7	6.00	9.3	4.50	18.3	5.25	18.4	6.00	18.1	6.75	20.3	8.25	15.1	8.25	15.6	9.00	13.8	9.00	8.0	9.00	6.9
7.75	12.2	7.00	9.2	4.75	17.4	5.50	17.5	6.25	16.2	7.00	19.1	8.50	14.0	8.50	15.5	9.25	13.3	10.00	8.0	10.00	6.9
8.00	11.8	8.00	9.1	5.00	16.7	5.75	16.0	6.50	15.0	7.25	18.2	8.75	13.4	8.75	14.4	9.50	13.3	11.00	7.9	11.00	6.9
8.25	10.9	9.00	8.9	5.25	16.2	6.00	15.2	6.75	14.4	7.50	17.4	9.00	12.3	9.00	13.4	9.75	12.9	12.00	7.9	12.00	6.9
8.50	10.0	10.00	8.0	5.50	15.3	6.25	14.6	7.00	13.8	7.75	16.7	9.25	11.2	9.25	12.8	10.00	12.7	13.00	7.9	13.00	6.8
8.75	9.6	10.25	7.7	5.75	14.1	6.50	14.1	7.25	13.3	8.00	16.0	9.50	11.0	9.50	12.4	10.25	12.6	14.00	7.9	14.00	6.8
9.00	9.2	10.50	7.0	6.00	14.0	6.75	13.6	7.50	13.0	8.25	15.3	9.75	10.6	9.75	11.1	10.50	11.1	14.25	8.0	14.25	7.2
9.25	8.8	10.75	6.3	6.25	13.1	7.00	13.3	7.75	12.6	8.50	14.6	10.00	10.3	10.00	10.7	10.75	10.2				
9.50	8.6	11.00	5.7	6.50	13.0	7.25	12.6	8.00	12.3	8.75	14.2	11.00	9.3	10.25	10.2	11.00	9.4				
9.75	8.3	11.25	5.1	6.75	12.8	7.50	12.4	8.25	11.9	9.00	14.0	12.00	8.4	10.50	9.8	11.25	9.0				
10.00	8.0	11.50	4.7	7.00	12.6	7.75	12.2	8.50	11.6	9.25	13.6	13.00	8.0	10.75	9.5	11.50	8.9				
11.00	7.1	11.75	4.3	8.00	11.8	8.00	12.0	8.75	11.2	9.50	13.3	14.00	7.8	11.00	9.2	11.75	8.6				
11.25	6.7	12.00	4.2	9.00	11.2	9.00	11.3	9.00	11.0	9.75	13.0			12.00	8.6	12.00	8.4				
11.50	6.6	13.00	4.0	10.00	10.3	9.25	10.9	9.25	10.7	10.00	12.4			13.00	8.2	13.00	8.2				
11.75	6.4	14.00	3.8	11.00	8.6	9.50	10.7	9.50	10.4	10.25	12.1			14.00	8.0	14.00	8.0				
12.00	6.1	14.50	3.6	12.00	7.9	9.75	10.2	9.75	10.1	10.50	11.8			14.25	8.0	14.75	7.9				
13.00	5.9			13.00	7.4	10.00	9.8	10.00	9.8	10.75	11.5										
14.00	5.8			14.00	7.2	10.25	9.2	11.00	8.9	11.00	11.1										
14.50	5.4			14.25	7.2	10.50	9.0	12.00	8.4	12.00	10.6										
						10.75	8.9	13.00	8.1	13.00	10.3										
						11.00	8.5	14.00	7.8	14.00	10.1										
						12.00	8.0	14.30	7.6	14.25	10.0										
						13.00	7.9														
						14.00	7.4														
						14.40	7.3														

LAKE# 302 N TEMPERATURE PROFILES FOR 1987

MAY 5 DAY# 125		MAY 19 DAY# 139		JUN 2 DAY# 153		JUN 16 DAY# 167		JUL 1 DAY# 181		JUL 14 DAY# 195		JUL 28 DAY# 209		AUG 11 DAY# 223		AUG 25 DAY# 237		SEP 8 DAY# 251		SEP 22 DAY# 265		OCT 6 DAY# 279		OCT 26 DAY# 299	
DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)
0.00	12.5	0.00	14.0	0.00	19.0	0.00	21.7	0.00	20.3	0.00	19.9	0.00	23.5	0.00	22.0	0.00	18.8	0.00	17.5	0.00	15.8	0.00	11.6	0.00	5.4
1.00	12.5	1.00	14.0	1.00	19.1	1.00	21.7	1.00	20.3	1.00	19.9	1.00	23.4	1.00	22.0	1.00	18.8	1.00	17.5	1.00	15.8	1.00	11.2	1.00	5.4
2.00	12.5	2.00	14.0	2.00	19.0	2.00	21.6	2.00	20.3	2.00	19.8	2.00	23.1	2.00	22.0	2.00	18.8	2.00	17.5	2.00	15.7	2.00	11.2	2.00	5.4
3.00	12.2	3.00	14.0	2.25	18.1	2.25	20.9	3.00	20.3	3.00	19.8	3.00	22.2	3.00	22.0	3.00	18.8	3.00	17.5	3.00	15.7	3.00	11.2	3.00	5.4
4.00	11.6	4.00	14.0	2.50	16.2	2.50	20.9	3.25	20.2	4.00	19.5	3.25	21.7	4.00	22.0	4.00	18.8	4.00	17.4	4.00	15.7	4.00	11.2	4.00	5.4
5.00	10.7	5.00	13.7	2.75	15.0	2.75	20.2	3.50	2.1	4.25	18.3	3.50	21.3	4.25	21.8	5.00	18.8	5.00	17.4	5.00	15.7	5.00	11.2	5.00	5.4
5.25	10.3	5.25	13.3	3.00	14.1	3.00	19.6	3.75	20.1	4.50	17.8	3.75	20.8	4.50	21.4	5.25	18.7	6.00	16.9	6.00	15.5	6.00	11.2	6.00	5.4
5.50	9.6	5.50	13.0	3.25	13.7	3.25	18.3	4.00	18.4	4.75	16.5	4.00	20.4	4.75	20.2	5.50	18.6	6.25	16.4	6.50	16.3	7.00	15.1	7.00	11.2	7.00	5.4
5.75	9.2	5.75	12.0	3.50	13.5	3.50	17.6	4.25	17.0	5.00	15.6	4.25	20.1	5.00	19.3	5.75	17.8	6.50	16.3	6.75	14.9	7.25	13.9	8.00	11.2	8.00	5.4
6.00	8.5	6.00	10.3	3.75	13.4	3.75	16.6	4.50	15.8	5.25	14.9	4.50	19.4	5.25	17.5	6.00	16.9	6.75	14.9	7.50	12.4	9.00	11.2	9.00	5.4
7.00	6.8	6.25	8.9	4.00	13.1	4.00	15.5	4.75	14.5	5.50	14.0	4.75	18.7	5.50	6.5	6.25	15.3	7.00	13.5	7.75	11.6	10.00	11.0	10.00	5.4
8.00	6.1	6.50	8.5	5.00	12.4	4.25	14.6	5.00	14.0	5.75	13.0	5.00	17.8	5.75	15.6	6.50	13.9	7.25	12.6	8.00	10.9	10.25	10.9	11.00	5.4
9.00	5.7	6.75	7.8	6.00	11.5	4.50	13.9	5.25	13.0	6.00	12.3	5.25	16.2	6.00	14.5	6.75	12.9	7.50	11.6	8.25	10.0	10.50	8.9	12.00	5.4
10.00	5.4	7.00	7.1	7.00	10.5	4.75	13.6	5.50	12.4	6.25	11.7	5.50	15.0	6.25	13.6	7.00	12.0	7.75	11.0	8.50	9.3	10.75	7.3	13.00	5.4
11.00	5.3	8.00	6.1	8.00	8.5	5.00	12.9	5.75	12.1	6.50	11.2	5.75	14.1	6.50	12.7	7.25	11.3	8.00	10.1	8.75	8.9	11.00	7.2	13.25	6.2
12.00	5.3	9.00	5.6	9.00	6.9	5.25	12.5	6.00	11.4	6.75	10.6	6.00	13.4	6.75	11.8	7.50	10.8	8.25	9.4	9.00	8.4	12.00	7.0		
13.00	5.2	10.00	5.5	10.00	6.5	5.50	12.3	6.25	10.9	7.00	9.9	6.25	12.7	7.00	11.0	7.75	10.2	8.50	9.0	9.25	7.6	13.00	6.9		
		11.00	5.4	11.00	6.2	5.75	11.8	6.50	10.6	7.25	9.3	6.50	11.9	7.25	10.5	8.00	9.6	8.75	8.6	9.50	7.5				
		12.00	5.3	12.00	6.1	6.00	11.4	6.75	9.8	7.50	8.7	6.75	11.4	7.50	9.8	8.25	9.2	9.00	8.0	9.75	7.4				
		13.00	5.2	13.00	6.0	6.25	10.5	7.00	9.4	7.75	8.3	7.00	10.9	7.75	9.2	8.50	8.7	10.00	7.2	10.00	7.2				
						6.50	9.8	7.25	9.1	8.00	8.0	7.25	9.8	8.00	8.8	8.75	8.4	11.00	6.9	11.00	7.0				
						6.75	9.4	7.50	8.9	8.25	7.7	7.50	9.3	8.25	8.3	9.00	8.1	12.00	6.8	12.00	6.8				
						7.00	9.1	7.75	8.4	8.50	7.4	7.75	8.9	8.50	8.1	10.00	7.2	13.00	6.8	13.00	6.6				
						7.25	8.6	8.00	7.8	8.75	7.2	8.00	8.5	8.75	7.8	11.00	6.9	13.25	6.7	13.25	6.7				
						7.50	8.5	9.00	7.1	9.00	7.0	8.25	7.8	9.00	7.4	12.00	6.7								
						7.75	8.2	10.00	6.6	10.00	6.5	8.50	7.5	10.00	7.0	13.00	6.6								
						8.00	7.9	11.00	6.4	11.00	6.0	8.75	7.3	11.00	6.7	13.25	6.5								
						9.00	7.0	12.00	6.3	12.00	6.0	9.00	7.1	12.00	6.6										
						10.00	6.5	13.00	6.1	13.00	5.8	10.00	6.7	13.00	6.5										
						11.00	6.3			13.25	5.8	11.00	6.5	13.10	6.1										
						12.00	6.3					12.00	6.5												
						13.00	6.1					13.00	6.4												
						13.25	6.0					13.15	6.3												

LAKE# 302 S TEMPERATURE PROFILES FOR 1977

MAY 5 DAY# 125		MAY 19 DAY# 139		JUN 2 DAY# 153		JUN 16 DAY# 167		JUL 1 DAY# 181		JUL 14 DAY# 195		AUG 11 DAY# 223		AUG 25 DAY# 237		AUG 28 DAY# 240		SEP 8 DAY# 251		SEP 22 DAY# 265		OCT 6 DAY# 279		OCT 26 DAY# 299	
DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)
0.00	12.5	0.00	14.0	0.00	19.1	0.00	21.8	0.00	21.1	0.00	20.5	0.00	22.4	0.00	19.5	0.00	23.9	0.00	18.2	0.00	16.0	0.00	11.4	0.00	5.4
1.00	12.4	1.00	14.0	1.00	19.1	1.00	21.6	1.00	21.1	1.00	20.5	1.00	22.4	1.00	19.5	1.00	23.7	1.00	18.2	1.00	16.1	1.00	11.5	1.00	5.4
2.00	12.4	2.00	14.0	2.00	19.0	2.00	21.3	2.00	21.0	2.00	20.5	2.00	22.4	1.00	19.5	2.00	23.4	2.00	18.1	2.00	16.1	2.00	11.5	2.00	5.4
3.00	12.2	3.00	14.0	2.25	18.7	3.00	20.7	3.00	21.0	3.00	20.5	3.00	22.4	3.00	19.5	3.00	22.9	3.00	18.1	3.00	16.1	3.00	11.5	3.00	5.4
4.00	11.9	4.00	14.0	2.50	18.3	3.25	20.2	4.00	20.9	4.00	20.5	4.00	22.4	4.00	19.5	4.00	22.1	4.00	18.1	4.00	16.1	4.00	11.6	4.00	5.4
5.00	11.4	5.00	14.0	2.75	17.6	3.50	20.0	5.00	20.9	5.00	20.5	5.00	22.2	5.00	19.5	5.00	21.3	5.00	18.1	5.00	16.1	5.00	11.6	5.00	5.4
6.00	10.8	6.00	13.9	3.00	17.0	3.75	19.8	5.25	20.7	6.00	20.5	6.00	22.2	6.00	19.5	6.00	20.8	6.00	18.0	6.00	16.0	6.00	11.6	6.00	5.4
7.00	9.9	6.25	13.3	3.25	16.0	4.00	19.5	5.50	20.3	6.25	20.4	6.25	21.6	7.00	19.3	6.25	20.4	7.00	18.0	7.00	16.1	7.00	11.6	7.00	5.4
7.25	9.3	6.50	13.0	3.50	15.6	4.25	19.2	5.75	20.1	6.50	20.2	6.50	20.7	7.25	19.4	6.50	20.1	8.00	17.9	8.00	16.0	8.00	11.6	8.00	5.4
7.50	8.9	6.75	12.2	3.75	15.2	4.50	18.9	6.00	19.5	6.75	19.7	6.75	20.0	7.50	19.4	6.75	19.8	8.25	17.7	9.00	15.9	9.00	11.6	9.00	5.4
7.75	8.6	7.00	11.4	4.00	15.0	4.75	18.4	6.25	19.1	7.00	19.1	7.00	19.3	7.75	18.3	7.00	19.5	8.50	17.2	9.25	13.1	10.00	11.7	10.00	6.3
8.00	8.5	7.25	10.9	5.00	14.1	5.00	18.0	6.50	18.6	7.25	17.8	7.50	18.6	8.00	16.7	7.25	18.7	8.75	15.7	9.50	13.1				
9.00	8.0	7.50	10.4	6.00	13.8	5.25	17.3	6.75	17.9	7.50	16.9	7.50	18.0	8.25	15.8	7.50	17.7	9.00	14.8	9.75	13.1				
9.75	7.7	7.75	9.7	7.00	13.1	5.50	17.1	7.00	17.4	7.75	16.3	7.75	16.8	8.50	15.1	7.75	17.0	9.25	13.5						
		8.00	9.3	8.00	12.5	5.75	16.6	7.25	16.6	8.00	15.7	8.00	16.1	8.75	14.4	8.00	15.9	9.50	13.0						
		8.25	9.1	9.00	11.8	6.00	16.4	7.50	16.1	8.25	15.0	8.25	15.1	9.00	13.6	8.25	15.1	9.75	12.7						
		8.50	8.9	10.00	10.9	6.25	15.8	7.75	15.7	8.50	14.1	8.50	14.5	9.25	13.1	8.50	14.3	10.00	12.6						
		8.75	8.6	10.25	9.9	6.50	15.8	8.00	15.1	8.75	13.4	8.75	13.8	9.50	12.8	8.75	13.6								
		9.00	8.0			6.75	15.5	8.25	14.4	9.00	12.8	9.00	13.3	9.75	12.6	9.00	13.1								
		9.75	7.8			7.00	15.1	8.50	13.8	9.75	11.8	9.25	13.0	10.00	12.3	10.00	11.7								
						7.25	14.2	8.75	13.1			9.50	12.5												
						7.50	14.2	9.00	12.7			9.75	12.5												
						7.75	14.0	9.25	12.0			9.80	12.2												
						8.00	13.8	9.50	11.8																
						8.25	13.1	9.75	11.5																
						8.50	12.9	10.00	11.3																
						8.75	12.7																		
						9.00	12.4																		
						9.25	11.8																		
						9.50	11.5																		
						9.75	11.3																		
						.0.00	10.3																		

LAKE# 305 TEMPERATURE PROFILES FOR 1977

MAY 12 DAY# 132		MAY 26 DAY# 146		JUN 9 DAY# 160		JUN 23 DAY# 174		JUL 7 DAY# 188		JUL 21 DAY# 202		AUG 4 DAY# 216		AUG 18 DAY# 230		SEP 1 DAY# 244		SEP 15 DAY# 258		SEP 29 DAY# 272		OCT 13 DAY# 286		OCT 27 DAY# 300	
DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)
0.00	12.0	0.00	12.8	0.00	17.3	0.00	24.1	0.00	22.0	0.00	20.4	0.00	22.2	0.00	21.2	0.00	18.1	0.00	17.0	0.00	15.3	0.00	10.5	0.00	7.1
1.00	12.0	1.00	12.8	1.00	17.2	1.00	24.0	1.00	21.9	1.00	20.3	1.00	22.3	1.00	21.2	1.00	18.4	1.00	17.1	1.00	15.4	1.00	10.5	1.00	7.1
2.00	12.0	2.00	12.8	2.00	17.2	2.00	23.8	2.00	21.7	2.00	20.3	2.00	22.3	2.00	21.2	2.00	18.4	2.00	17.1	2.00	15.4	2.00	10.4	2.00	7.1
3.00	12.0	3.00	12.8	3.00	17.1	3.00	23.4	3.00	21.5	3.00	20.3	3.00	22.3	3.00	21.2	3.00	18.4	3.00	17.1	3.00	15.4	3.00	10.4	3.00	7.1
4.00	12.0	4.00	12.2	4.00	17.1	3.25	23.2	4.00	21.3	4.00	20.2	4.00	22.3	4.00	21.2	4.00	18.5	4.00	17.1	4.00	15.4	4.00	10.4	4.00	7.1
5.00	12.0	5.00	11.8	5.00	16.4	3.50	23.1	5.00	21.1	5.00	20.2	5.00	22.3	5.00	21.2	5.00	18.5	5.00	17.1	5.00	15.4	5.00	10.4	5.00	7.1
6.00	11.8	6.00	11.6	5.25	15.8	3.75	22.6	5.25	20.8	6.00	19.8	6.00	21.5	6.00	21.1	7.00	21.0	6.00	18.5	6.00	17.1	6.00	15.4	6.00	10.4	6.00	7.1
7.00	10.8	7.00	11.3	5.50	15.5	4.00	21.8	5.50	20.6	6.25	19.5	6.25	21.2	6.25	21.2	7.25	20.7	7.00	18.5	7.00	17.1	7.00	15.4	7.00	10.3	7.00	7.1
8.00	10.4	8.00	11.1	5.75	15.2	4.25	21.3	5.75	20.4	6.50	19.2	6.50	20.8	6.50	20.8	7.50	20.0	8.00	18.5	8.00	17.1	8.00	15.4	8.00	10.3	8.00	7.1
9.00	9.7	9.00	10.9	6.00	14.5	4.50	20.8	6.00	20.1	6.75	19.1	6.75	20.3	6.75	20.3	7.75	19.0	8.25	18.3	9.00	17.0	9.00	15.4	9.00	10.3	9.00	7.1
10.00	8.9	10.00	10.6	6.25	13.9	4.75	20.4	6.25	19.1	7.00	18.8	7.00	19.6	7.00	19.6	7.75	19.0	8.50	18.3	9.25	16.9	10.00	15.2	10.00	10.3	10.00	7.1
11.00	8.3	11.00	10.1	6.50	13.7	5.00	18.4	6.50	18.4	7.25	18.2	7.25	18.4	8.00	18.4	8.00	18.4	8.75	17.4	9.50	15.8	10.25	15.2	11.00	10.3	11.00	7..
12.00	7.7	11.25	9.7	6.75	13.5	5.25	17.8	6.75	16.4	7.50	16.7	7.50	17.6	7.75	16.6	8.25	16.4	9.00	16.3	9.75	15.7	10.50	14.9	12.00	10.3	12.00	7.1
13.00	7.4	11.50	8.7	7.00	13.1	5.50	17.2	7.00	15.4	7.75	15.6	7.75	16.6	8.00	15.7	8.50	15.8	9.25	15.5	10.00	14.5	10.75	14.2	13.00	10.3	13.00	7.1
.4.00	6.7	11.75	8.3	7.25	12.7	5.75	16.6	7.25	14.8	8.00	14.9	8.00	15.7	8.75	15.3	9.50	14.7	10.25	13.5	11.00	13.2	14.00	10.2	14.00	7.1
15.00	6.5	12.00	7.9	7.50	12.6	6.00	15.9	7.50	14.2	8.25	14.2	8.25	15.2	9.00	14.6	9.75	14.1	10.00	13.1	10.50	12.7	11.25	11.6	15.00	9.6	15.00	7.1
16.00	6.3	12.25	7.3	7.75	12.3	6.25	15.4	7.75	14.0	8.50	13.7	8.50	14.6	9.25	13.7	10.00	13.1	10.75	12.2	11.50	10.8	15.25	8.1	16.00	7.1
17.00	6.0	12.50	6.9	8.00	12.1	6.50	14.9	8.00	13.7	8.75	13.1	8.75	14.2	9.50	13.4	10.25	12.7	11.00	11.7	11.75	10.4	15.50	7.7	17.00	7.0
18.00	5.8	12.75	6.8	9.00	11.9	6.75	14.3	8.25	13.1	9.00	12.9	9.00	13.6	9.75	13.1	10.50	11.9	11.25	11.1	12.00	10.0	15.75	7.4	18.00	6.9
19.00	5.7	13.00	6.6	10.00	10.9	7.00	14.0	8.50	12.8	9.25	12.6	9.25	13.2	10.00	12.7	10.75	11.5	11.50	10.9	12.25	9.3	16.00	7.2	19.00	6.5
20.00	5.6	14.00	6.0	11.00	10.7	7.25	13.3	8.75	12.6	9.50	12.3	9.50	13.0	10.25	12.3	11.00	10.7	11.75	10.1	12.50	9.0	17.00	6.5	20.00	6.0
21.00	5.6	15.00	5.8	12.00	8.9	7.50	13.0	9.00	12.3	9.75	12.0	9.75	12.8	10.50	12.0	11.25	10.9	12.00	9.9	12.75	8.7	18.00	6.2	21.00	5.5
22.00	5.5	16.00	5.6	13.00	8.0	7.75	12.9	9.25	12.0	10.00	11.8	10.00	12.2	10.75	11.4	11.50	10.4	12.25	9.0	13.00	8.4	19.00	6.0	22.00	5.4
23.00	5.5	17.00	5.4	14.00	7.5	8.00	12.5	9.50	10.7	10.25	11.3	10.25	11.7	11.00	11.0	11.75	9.7	12.50	8.6	14.00	7.5	20.00	5.7	23.00	5.4
24.00	5.4	18.00	5.5	15.00	6.8	8.25	12.3	9.75	11.4	10.50	11.0	10.50	11.6	11.25	10.5	12.00	9.4	12.75	8.3	15.00	6.8	21.00	5.7	24.00	5.4
25.00	5.4	19.00	5.4	16.00	6.4	8.50	12.0	10.00	11.2	10.75	10.6	10.75	11.2	11.50	10.1	12.25	8.9	13.00	7.8	16.00	6.5	22.00	5.6	25.00	5.4
26.00	5.4	20.00	5.4	17.00	6.1	8.75	11.9	10.25	10.7	11.00	10.3	11.00	10.9	11.75	9.7	12.50	8.6	14.00	7.2	17.00	6.3	23.00	5.5	26.00	5.4
27.00	5.4	21.00	5.3	18.00	5.9	9.00	11.7	10.50	10.6	11.25	9.9	11.25	10.5	12.00	9.5	12.75	8.4	15.00	6.8	18.00	6.0	24.00	5.5	27.00	5.3
28.00	5.4	22.00	5.3	19.00	5.8	10.00	11.1	10.75	10.4	11.50	9.6	11.50	10.1	12.25	9.2	13.00	7.3	16.00	6.4	19.00	5.8	25.00	5.4	28.00	5.2
29.00	5.4	23.00	5.3	20.00	5.7	11.00	9.9	11.00	9.9	11.75	9.2	11.75	9.6	12.50	8.8	14.00	7.4	17.00	6.1	20.00	5.7	26.00	5.3	29.00	5.2
30.00	5.4	24.00	5.2	21.00	5.6	12.00	8.8	11.25	9.0	12.00	8.9	12.00	9.3	12.75	8.5	15.00	6.8	18.00	6.0	21.00	5.6	27.00	5.3	30.00	5.2
		25.00	5.2	22.00	5.6	13.00	7.3	11.50	8.9	12.25	8.5	12.25	8.8	13.00	8.2	16.00	6.4	19.00	5.8	22.00	5.5	28.00	5.3	31.00	5.2
		26.00	5.2	23.00	5.5	14.00	6.8	11.75	8.7	12.50	8.1	12.50	8.4	14.00	7.5	17.00	6.2	20.00	5.7	23.00	5.5	29.00	5.3	31.50	5.2
		27.00	5.2	24.00	5.5	15.00	6.2	12.00	8.5	12.75	7.9	12.75	8.2	15.00	6.8	18.00	5.9	21.00	5.6	24.00	5.4	30.00	5.2		
		28.00	5.2	25.00	5.5	16.00	5.9	13.00	7.9	13.00	7.7	13.00	8.0	16.00	6.4	19.00	5.8	22.00	5.5	25.00	5.3	31.00	5.2		
		29.00	5.2	26.00	5.5	17.00	5.8	14.00	7.1	14.00	6.9	14.00	7.1	17.00	6.1	20.00	5.7	23.00	5.5	26.00	5.3	31.75	5.2		
		30.00	5.1	27.00	5.4	18.00	5.7	15.00	6.5	15.00	6.2	15.00	6.6	18.00	6.0	21.00	5.6	24.00	5.4	27.00	5.3				
		31.00	5.1	28.00	5.4	19.00	5.6	16.00	6.1	16.00	5.8	16.00	6.4	19.00	5.8	22.00	5.5	25.00	5.3	28.00	5.2				
		31.25	5.1	29.00	5.4	20.00	5.5	17.00	5.9	17.00	5.7	17.00	6.1	20.00	5.7	23.00	5.4	26.00	5.3	29.00	5.2				
				30.00	5.4	21.00	5.5	18.00	5.8	18.00	5.5	18.00	5.9	21.00	5.6	24.00	5.4	27.00	5.3	30.00	5.2				
				31.00	5.4	22.00	5.5	19.00	5.6	19.00	5.4	19.00	5.7	22.00	5.5	25.00	5.3	28.00	5.2	31.00	5.2				
				32.00	5.3	23.00	5.5	20.00	5.5	20.00	5.5	20.00	5.6	23.00	5.4	26.00	5.3	29.00	5.2						
						24.00	5.4	21.00	5.5	21.00	5.5	21.00	5.5	24.00	5.4	27.00	5.3	30.00	5.2						
						25.00	5.4	22.00	5.4	22.00	5.4	22.00	5.5	25.00	5.3	28.00	5.2	31.00	5.2						
						26.00	5.4	23.00	5.4	23.00	5.4	23.00	5.4	26.00	5.3	29.00	5.2	31.50	5.2						
						27.00	5.4	24.00	5.4	24.00	5.3	24.00	5.4	27.00	5.2	30.00	5.2								
						28.00	5.3	25.00	5.3	25.00	5.3	25.00	5.3	28.00	5.2	31.00	5.2								
						29.00	5.3	26.00	5.3	26.00	5.3	26.00	5.3	29.00	5.2	31.25	5.2								
						30.00	5.3	27.00	5.3	27.00	5.3	27.00	5.2	30.00	5.2										
						31.00	5.3	28.00	5.3	28.00	5.2	28.00	5.2	31.00	5.2										
						32.00	5.3	29.00	5.2	29.00	5.2	29.00	5.2	31.25	5.2										
								30.00	5.2	30.00	5.2	30.00	5.2												
								31.00	5.2	31.00	5.2	31.00	5.2												
								32.00	5.2	32.00	5.2	31.50	5.2												

LAKE# 373 TEMPERATURE PROFILES FOR 1987

MAY 6 DAY# 126		JUN 8 DAY# 159		JUN 25 DAY# 176		JUL 6 DAY# 187		JUL 23 DAY# 204		AUG 4 DAY# 216		AUG 19 DAY# 231		SEP 1 DAY# 243		SEP 17 DAY# 260		SEP 29 DAY# 272		OCT 21 DAY# 294	
DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)
0.00	12.3	0.00	17.3	0.00	22.4	0.00	21.8	0.00	20.5	0.00	23.1	0.00	20.8	0.00	18.3	0.00	17.3	0.00	15.4	0.00	8.3
1.00	12.3	1.00	17.3	1.00	22.4	1.00	21.3	1.00	20.5	1.00	23.1	1.00	20.8	1.00	18.4	1.00	17.2	1.00	15.4	1.00	8.2
2.00	12.2	2.00	17.3	2.00	22.4	2.00	21.1	2.00	20.4	2.00	23.1	2.00	20.8	2.00	18.4	2.00	17.2	2.00	15.4	2.00	8.1
3.00	12.2	3.00	17.2	3.00	22.4	3.00	21.0	3.00	20.3	3.00	23.1	3.00	20.8	3.00	18.4	3.00	17.2	3.00	15.4	3.00	8.1
4.00	12.1	4.00	17.1	4.00	22.4	4.00	20.9	4.00	20.2	4.00	23.1	4.00	20.8	4.00	18.4	4.00	17.2	4.00	15.4	4.00	8.0
5.00	11.3	5.00	16.2	4.25	21.9	5.00	20.5	5.00	20.0	4.25	23.0	5.00	20.7	5.00	18.4	5.00	17.0	5.00	15.4	5.00	8.0
6.00	10.9	5.25	15.7	4.50	20.4	5.25	20.1	6.00	19.9	4.50	23.0	6.00	20.7	6.00	18.4	6.00	17.0	6.00	15.4	6.00	8.0
7.00	10.5	5.50	15.4	4.75	19.6	5.50	19.8	7.00	19.0	4.75	22.5	7.00	20.6	7.00	18.4	7.00	16.9	7.00	15.4	7.00	8.0
7.25	9.8	5.75	15.0	5.00	19.5	5.75	19.5	7.25	18.3	5.00	22.0	7.25	20.5	8.00	18.4	8.00	16.8	8.00	15.4	9.00	8.0
7.50	9.8	6.00	13.9	5.25	19.1	6.00	19.1	7.50	16.9	5.25	21.9	7.50	20.4	8.25	18.1	9.00	16.5	9.00	15.4	10.00	8.0
7.75	9.6	7.00	13.3	5.50	18.1	6.25	17.7	7.75	15.8	5.50	21.7	7.75	19.1	8.50	18.1	9.25	16.2	10.00	15.4	11.00	8.0
8.00	9.1	8.00	12.8	5.75	17.4	6.50	17.3	8.00	15.4	5.75	21.5	8.00	18.2	8.75	18.0	9.50	16.1	10.25	14.4	12.00	8.0
8.25	8.7	9.00	10.7	6.00	16.8	6.75	16.9	8.25	14.4	6.00	21.2	8.25	17.1	9.00	16.3	9.75	15.8	10.50	13.7	13.00	8.0
8.50	8.3	10.00	9.2	6.25	16.2	7.00	16.3	8.50	13.8	6.25	21.1	8.50	15.9	9.25	15.0	10.00	14.8	10.75	12.5	14.00	8.0
8.75	7.9	11.00	8.0	6.50	15.7	7.25	15.4	8.75	13.2	6.50	20.4	8.75	15.0	9.50	14.4	10.25	13.2	11.00	11.4	15.00	7.8
9.00	7.7	12.00	7.0	6.75	15.5	7.50	15.0	9.00	13.0	6.75	19.7	9.00	14.4	9.75	13.1	10.50	12.1	11.25	10.7	16.00	7.4
10.00	7.4	13.00	6.4	7.00	14.7	7.75	14.4	9.25	12.7	7.00	19.3	9.25	13.8	10.00	12.5	10.75	11.4	11.50	10.3	17.00	7.2
11.00	6.7	14.00	6.0	7.25	14.1	8.00	14.0	9.50	11.9	7.25	18.8	9.50	13.3	10.25	12.0	11.00	10.8	11.75	9.9	18.00	6.0
12.00	5.9	15.00	5.8	7.50	13.9	8.25	13.0	9.75	11.2	7.50	18.2	9.75	12.8	10.50	11.6	11.25	10.4	12.00	9.2	19.00	5.7
13.00	5.5	16.00	5.5	7.75	13.3	8.50	12.7	10.00	11.0	7.75	17.5	10.00	12.3	10.75	11.3	11.50	10.0	12.25	8.3	20.00	5.6
14.00	5.3	17.00	5.4	8.00	13.0	8.75	12.3	10.25	10.0	8.00	16.9	10.25	11.7	11.00	10.4	11.75	9.6	12.50	8.0		
15.00	5.2	18.00	5.3	8.25	12.6	9.00	11.9	10.50	9.2	8.25	15.7	10.50	10.8	11.25	10.0	12.00	9.3	12.75	7.8		
16.00	5.1	19.00	5.3	8.50	12.4	9.25	11.3	10.75	8.4	8.50	14.7	10.75	10.3	11.50	9.6	12.25	8.6	13.00	7.0		
17.00	5.1	20.00	5.2	8.75	12.2	9.50	11.1	11.00	8.2	8.75	14.2	11.00	10.0	11.75	9.1	12.50	8.5	14.00	6.5		
18.00	5.1			9.00	11.9	9.75	10.7	12.00	7.5	9.00	13.7	11.25	9.5	12.00	8.8	12.75	8.2	15.00	6.1		
19.00	5.0			9.25	11.2	10.00	10.3	13.00	6.9	9.25	13.0	11.50	8.8	12.25	8.5	13.00	7.9	16.00	5.9		
20.00	5.0			9.50	10.7	10.25	9.8	14.00	6.3	9.50	12.3	11.75	8.6	12.50	8.2	14.00	7.2	17.00	5.8		
				9.75	10.2	10.50	9.4	15.00	5.9	9.75	11.8	12.00	8.3	12.75	7.8	15.00	6.7	18.00	5.7		
				10.00	9.7	10.75	9.1	16.00	5.5	10.00	11.2	13.00	7.6	13.00	7.6	16.00	6.3	19.00	5.6		
				10.25	9.0	11.00	8.9	17.00	5.4	10.25	10.7	14.00	7.0	14.00	6.8	17.00	6.0				
				10.50	8.7	11.25	8.4	18.00	5.1	10.50	10.3	15.00	6.4	15.00	6.4	18.00	5.8				
				10.75	8.4	11.50	8.2	19.00	5.0	10.75	9.8	16.00	5.9	16.00	6.1	19.00	5.6				
				11.00	8.0	11.75	7.9	20.35	5.0	11.00	9.2	17.00	5.6	17.00	5.9	20.00	5.6				
				12.00	7.1	12.00	7.6			11.25	8.9	18.00	5.5	18.00	5..						
				13.00	6.5	13.00	6.8			11.50	8.5	19.00	5.4	19.00	5.5						
				14.00	5.8	14.00	6.0			11.75	8.2	19.60	5.4	19.60	5.5						
				15.00	5.7	15.00	5.6			12.00	7.9										
				16.00	5.5	16.00	5.4			13.00	7.1										
				17.00	5.4	17.00	5.4			14.00	6.5										
				18.00	5.3	18.00	5.3			15.00	6.1										
				19.00	5.2	19.00	5.2			16.00	5.8										
				19.90	5.3	20.00	5.2			17.00	5.7										
						20.50	5.2			18.00	5.5										
										19.00	5.4										
										19.60	5.3										

LAKE# 374 TEMPERATURE PROFILES FOR 1987

MAY 28 DAY# 148		JUN 8 DAY# 159		JUN 26 DAY# 177		JUL 6 DAY# 187		JUL 23 DAY# 204		AUG 3 DAY# 215		AUG 17 DAY# 229		SEP 1 DAY# 243		SEP 18 DAY# 261		SEP 28 DAY# 271		OCT 20 DAY# 293	
DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)
0.00	13.4	0.00	14.6	0.00	20.9	0.00	22.2	0.00	20.8	0.00	22.7	0.00	20.4	0.00	18.0	0.00	16.3	0.00	15.4	0.00	8.1
1.00	13.2	1.00	14.5	1.00	20.9	1.00	21.5	1.00	20.3	1.00	22.7	1.00	20.6	1.00	18.1	1.00	16.5	1.00	15.4	1.00	8.3
2.00	13.0	2.00	14.5	2.00	20.9	2.00	21.3	2.00	20.1	2.00	22.7	2.00	20.6	2.00	18.1	2.00	16.5	2.00	15.4	2.00	8.4
3.00	12.9	3.00	14.5	3.00	20.9	3.00	21.2	3.00	20.0	3.00	22.7	3.00	20.6	3.00	18.1	3.00	16.5	3.00	15.4	3.00	8.5
4.00	11.8	4.00	14.5	4.00	20.9	4.00	21.1	4.00	19.8	4.00	22.7	4.00	20.6	4.00	18.1	4.00	16.5	4.00	15.4	4.00	8.5
4.25	11.2	5.00	14.3	4.25	20.9	5.00	20.3	5.00	19.8	5.00	22.7	5.00	20.6	5.00	18.1	5.00	16.5	5.00	15.4	5.00	8.5
4.50	10.9	6.00	13.9	4.50	20.9	5.25	19.5	6.00	19.6	6.00	22.1	6.00	20.6	6.00	18.1	6.00	16.5	6.00	15.4	6.00	8.5
4.75	10.6	7.00	13.5	4.75	20.7	5.50	19.4	7.00	19.3	6.25	21.1	7.00	20.6	7.00	18.1	7.00	16.6	7.00	15.4	7.00	8.5
5.00	10.4	7.25	13.3	5.00	19.5	5.75	18.9	8.00	19.1	6.50	20.6	8.00	20.6	8.00	18.1	8.00	16.6	8.00	15.4	8.00	8.5
5.25	10.0	7.50	13.3	5.25	19.2	6.00	18.5	8.25	19.0	6.75	20.3	8.25	20.6	9.00	18.1	9.00	16.6	9.00	15.4	9.00	8.5
5.50	9.8	7.75	12.6	5.50	18.7	6.25	17.7	8.50	18.9	7.00	20.0	8.50	20.6	10.00	18.1	10.00	16.6	10.00	15.4	10.00	8.5
5.75	9.7	8.00	11.8	5.75	18.0	6.50	17.3	8.75	18.6	8.00	19.3	8.75	20.6	11.00	18.1	11.00	16.5	11.00	15.0	11.00	8.5
6.00	9.4	9.00	11.4	6.00	17.4	6.75	17.0	9.00	18.0	9.00	18.4	9.00	19.5	11.25	16.9	11.25	16.2	11.25	14.8	12.00	8.5
7.00	9.8	10.00	10.9	6.25	16.6	7.00	16.9	9.25	16.3	9.25	17.1	9.25	16.5	11.50	15.9	11.50	16.2	11.50	14.6	13.00	8.5
8.00	7.7	11.00	9.9	6.50	16.4	7.25	16.0	9.50	13.4	9.50	16.8	9.50	15.6	11.75	14.9	11.75	14.2	11.75	14.3	14.00	8.5
9.00	9.4	12.00	9.3	6.75	15.8	7.50	15.1	9.75	13.8	9.75	16.0	9.75	14.9	12.00	13.0	12.00	12.6	12.00	13.5	15.00	8.5
10.00	9.4	13.00	9.0	7.00	15.4	7.75	14.7	10.00	12.3	10.00	15.4	10.00	14.4	12.25	12.3	12.25	11.0	12.25	12.7	16.00	8.5
11.00	9.3	14.00	8.8	7.25	15.0	8.00	14.4	10.25	11.8	10.25	14.4	10.25	14.0	12.50	11.5	12.50	10.6	12.50	12.1	17.00	8.5
12.00	9.1	15.00	7.8	7.50	14.5	8.25	14.1	10.50	11.3	10.50	13.7	10.50	13.8	12.75	11.1	12.75	10.3	12.75	11.4	18.00	8.4
13.00	8.9	16.00	7.4	7.75	14.2	8.50	13.8	10.75	11.2	10.75	13.2	10.75	13.5	13.00	10.6	13.00	10.1	13.00	10.9	19.00	8.1
14.00	8.8	17.00	6.9	8.00	13.7	8.75	13.4	11.00	10.9	11.00	12.7	11.00	13.3	13.25	10.2	14.00	9.5	13.25	10.5	20.00	7.9
15.00	8.7	18.00	6.7	9.00	12.3	9.00	13.2	12.00	10.2	11.25	12.1	11.25	12.9	13.50	10.1	15.00	9.1	13.50	10.0	21.00	6.8
16.00	8.5	19.00	6.5	10.00	11.3	10.00	12.2	13.00	9.7	11.50	11.7	11.50	12.4	13.75	9.8	16.00	8.6	13.75	9.9	22.00	6.5
17.00	8.4	20.00	6.4	11.00	10.8	11.00	11.5	14.00	9.1	11.75	11.4	11.75	12.0	14.00	9.5	17.00	8.2	14.00	9.5	23.00	6.4
18.00	8.2	21.00	6.4	12.00	10.5	12.00	10.7	15.00	8.8	12.00	11.0	12.00	11.4	15.00	9.0	18.00	7.8	15.00	9.1		
19.00	8.0	22.00	6.4	13.00	9.9	13.00	9.9	16.00	8.5	12.25	10.6	13.00	10.5	16.00	8.5	19.00	7.5	16.00	8.6		
20.00	7.6	23.00	6.4	14.00	9.5	14.00	9.3	17.00	8.2	12.50	10.3	14.00	10.0	17.00	8.2	20.00	7.3	17.00	8.2		
21.00	7.7	23.50	6.5	15.00	9.2	15.00	8.7	18.00	7.9	12.75	10.0	15.00	9.7	18.00	7.9	21.00	7.0	18.00	7.9		
22.00	6.7			16.00	8.7	16.00	8.1	19.00	7.6	13.00	9.8	16.00	9.1	19.00	7.6	22.00	6.7	19.00	7.6		
22.70	6.5			17.00	8.3	17.00	7.7	20.00	7.2	14.00	9.0	17.00	8.2	20.00	7.5	23.00	6.7	20.00	7.2		
				18.00	7.9	18.00	7.1	21.00	7.0	15.00	8.6	18.00	7.8	21.00	7.3	23.30	6.5	21.00	6.9		
				19.00	7.8	19.00	7.0	22.00	6.6	16.00	8.0	19.00	7.5	22.00	7.1			22.00	6.8		
				20.00	7.1	20.00	6.7	22.75	6.5	17.00	7.4	20.00	7.1	23.00	6.5			23.00	6.8		
				21.00	6.9	21.00	6.5			18.00	7.1	21.00	6.7					23.25	6.7		
				22.00	6.7	22.00	6.2			19.00	6.8	22.00	6.5								
				23.00	6.6	23.00	6.2			20.00	6.5	23.00	6.4								
				23.75	6.5					21.00	6.3	23.10	6.4								
										22.00	6.1										
										22.50	6.2										

LAKE# 375 TEMPERATURE PROFILES FOR 1987

MAY 11 DAY# 131		JUN 25 DAY# 176		JUL 6 DAY# 187		JUL 23 DAY# 204		AUG 4 DAY# 216		AUG 19 DAY# 231		SEP 1 DAY# 243		SEP 17 DAY# 260		SEP 28 DAY# 271		OCT 21 DAY# 294	
DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)
0.00	13.6	0.00	22.9	0.00	20.8	0.00	21.2	0.00	23.6	0.00	21.1	0.00	18.3	0.00	17.3	0.00	15.3	0.00	7.5
1.00	13.6	1.00	22.9	1.00	21.0	1.00	21.0	1.00	23.6	1.00	21.0	1.00	18.3	1.00	17.3	1.00	15.3	1.00	7.4
2.00	13.6	2.00	22.9	2.00	21.0	2.00	20.8	2.00	23.6	2.00	20.8	2.00	18.3	2.00	17.3	2.00	15.3	2.00	7.4
3.00	13.5	3.00	22.8	3.00	20.9	3.00	20.5	3.00	23.5	3.00	20.7	3.00	18.3	3.00	17.2	3.00	15.3	3.00	7.4
4.00	13.5	3.25	22.7	4.00	20.2	4.00	20.4	3.25	23.2	4.00	20.7	4.00	18.3	4.00	17.0	4.00	15.3	4.00	7.4
4.25	13.5	3.50	22.6	4.25	19.8	5.00	20.0	3.50	23.0	5.00	20.6	5.00	18.2	5.00	16.9	5.00	15.3	5.00	7.4
4.50	12.5	3.75	21.4	4.50	19.5	5.25	19.9	3.75	22.5	6.00	20.7	6.00	17.9	6.00	16.8	6.00	15.2	6.00	7.4
4.75	12.6	4.00	20.2	4.75	19.0	5.50	19.3	4.00	22.2	7.00	18.8	7.00	17.2	7.00	16.2	7.00	15.2	7.00	7.4
5.00	12.4	4.25	19.1	5.00	18.0	5.75	17.3	4.25	21.9	7.25	17.4	7.25	16.1	7.25	15.8	8.00	14.6	8.00	7.4
5.25	11.7	4.50	18.1	5.25	17.0	6.00	16.5	4.50	21.4	7.50	16.4	7.50	13.9	7.50	15.5	8.25	13.9	9.00	7.4
5.50	11.3	4.75	17.4	5.50	16.6	6.25	15.6	4.75	21.1	7.75	15.7	7.75	13.1	7.75	15.9	8.50	13.3	10.00	7.4
5.75	10.9	5.00	16.6	5.75	15.7	6.50	14.9	5.00	20.6	8.00	15.4	8.00	11.4	8.00	13.8	8.75	12.3	11.00	7.4
6.00	10.6	5.25	15.7	6.00	14.7	6.75	14.1	5.25	20.0	8.25	14.6	8.25	10.7	8.25	12.8	9.00	10.7	12.00	7.3
6.25	10.2	5.50	15.2	6.25	13.7	7.00	13.4	5.50	19.4	8.50	14.3	8.50	10.0	8.50	11.1	9.25	9.3	13.00	6.4
6.50	9.6	5.75	14.6	6.50	13.3	7.25	12.7	5.75	18.7	8.75	12.5	8.75	9.7	8.75	10.4	9.50	8.8	14.00	5.5
6.75	9.1	6.00	14.0	6.75	12.8	7.50	11.6	6.00	17.9	9.00	11.7	9.00	9.2	9.00	9.7	9.75	8.3	15.00	5.2
7.00	8.5	6.25	13.8	7.00	12.1	7.75	11.0	6.25	17.3	9.25	11.0	9.25	8.5	9.25	8.9	10.00	7.9	16.00	4.9
7.25	7.7	6.50	13.2	7.25	11.4	8.00	10.5	6.50	15.1	9.50	10.2	9.50	8.3	9.50	8.5	10.25	7.5	17.00	4.8
7.50	7.2	6.75	12.3	7.50	11.1	8.25	9.6	6.75	14.3	9.75	9.6	9.75	7.7	9.75	8.2	10.50	7.2	18.00	4.7
7.75	6.9	7.00	11.2	7.75	10.5	8.50	9.2	7.00	13.5	10.00	9.1	10.00	7.4	10.00	7.9	10.75	6.9	19.00	4.6
8.00	6.7	7.25	10.7	8.00	9.8	8.75	8.6	7.25	12.4	10.25	8.6	11.00	6.5	11.00	7.0	11.00	6.6	20.00	4.6
8.25	6.1	7.50	10.1	8.25	9.8	9.00	8.1	7.50	11.5	10.50	8.1	12.00	6.4	12.00	6.1	12.00	5.9	21.00	4.5
8.50	6.0	7.75	9.7	8.50	8.6	9.25	7.7	7.75	10.8	10.75	7.5	13.00	5.9	13.00	5.6	13.00	5.4	22.00	4.4
8.75	5.7	8.00	8.9	8.75	8.3	9.50	7.4	8.00	10.3	11.00	7.0	14.00	5.4	14.00	5.3	14.00	5.1	23.00	4.4
9.00	5.6	8.25	8.5	9.00	7.9	9.75	7.0	8.25	9.8	12.00	6.2	15.00	5.0	15.00	5.0	15.00	4.9	24.00	4.4
10.00	5.1	8.50	8.1	9.25	7.2	10.00	6.7	8.50	9.2	13.00	5.7	16.00	4.9	16.00	4.9	16.00	4.8		
11.00	4.9	8.75	7.7	9.50	7.1	11.00	6.0	8.75	8.9	14.00	5.0	17.00	4.8	17.00	4.8	17.00	4.8		
12.00	4.7	9.00	7.3	9.75	6.9	12.00	5.6	9.00	8.5	15.00	4.9	18.00	4.7	18.00	4.7	18.00	4.7		
13.00	4.6	10.00	6.3	10.00	6.6	13.00	5.2	9.25	8.0	16.00	4.8	19.00	4.6	19.00	4.6	19.00	4.6		
14.00	4.6	11.00	5.5	11.00	6.0	14.00	5.0	9.50	7.7	17.00	4.7	20.00	4.5	20.00	4.6	20.00	4.5		
15.00	4.5	12.00	5.3	12.00	5.5	15.00	4.9	9.75	7.3	18.00	4.6	21.00	4.5	21.00	4.5	21.00	4.5		
16.00	4.4	13.00	5.1	13.00	5.1	16.00	4.7	10.00	7.2	19.00	4.5	22.00	4.4	22.00	4.5	22.00	4.4		
17.00	4.4	14.00	4.8	14.00	4.9	17.00	4.6	11.00	6.3	20.00	4.4	23.00	4.4	23.00	4.5	23.00	4.4		
18.00	4.4	15.00	4.7	15.00	4.8	18.00	4.6	12.00	5.5	21.00	4.4	24.00	4.4	24.00	4.5	24.00	4.4		
19.00	4.3	16.00	4.7	16.00	4.7	19.00	4.5	13.00	5.1	22.00	4.4	25.00	4.4	24.50	4.5				
20.00	4.3	17.00	4.6	17.00	4.6	20.00	4.4	14.00	5.0	23.00	4.3								
21.00	4.2	18.00	4.5	18.00	4.5	21.00	4.4	15.00	4.8	23.75	4.3								
22.00	4.2	19.00	4.5	19.00	4.4	22.00	4.4	16.00	4.8										
23.00	4.2	20.00	4.4	20.00	4.4	23.00	4.3	17.00	4.7										
24.00	4.1	21.00	4.3	21.00	4.3	24.00	4.4	18.00	4.6										
25.00	4.1	22.00	4.3	22.00	4.3			19.00	4.5										
		23.00	4.3	23.00	4.3			20.00	4.5										
		24.00	4.3	24.00	4.3			21.00	4.4										
				24.25	4.3			22.00	4.3										
								23.00	4.3										
								23.50	4.3										

LAKE# 382 TEMPERATURE PROFILES FOR 1987

MAY 12 DAY# 132		MAY 26 DAY# 146		JUN 9 DAY# 160		JUN 23 DAY# 174		JUL 7 DAY# 188		AUG 18 DAY# 230		SEP 1 DAY# 244		SEP 15 DAY# 258		SEP 29 DAY# 272		OCT 13 DAY# 286		OCT 27 DAY# 300	
DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)
0.00	13.4	0.00	11.9	0.00	17.6	0.00	24.8	0.00	22.6	0.00	20.6	0.00	17.8	0.00	16.7	0.00	14.8	0.00	8.2	0.00	5.1
1.00	13.4	1.00	11.9	1.00	17.5	1.00	24.8	1.00	22.5	1.00	20.6	1.00	17.7	1.00	16.7	1.00	14.9	1.00	8.2	1.00	5.1
2.00	13.4	2.00	11.9	2.00	17.5	2.00	24.8	2.00	21.8	2.00	20.6	2.00	17.7	2.00	16.7	2.00	14.9	2.00	8.2	2.00	5.1
3.00	13.4	3.00	12.0	3.00	17.4	3.00	24.7	3.00	21.2	3.00	20.6	3.00	17.7	3.00	16.7	3.00	14.9	3.00	8.2	3.00	5.1
4.00	13.4	3.25	11.8	4.00	17.1	3.25	23.5	3.25	20.8	4.00	20.6	4.00	17.7	4.00	16.5	4.00	14.9	4.00	8.2	4.00	5.1
5.00	13.3	3.50	11.0	4.25	16.3	3.50	22.2	3.50	20.4	5.00	20.4	5.00	17.7	5.00	16.5	5.00	14.9	5.00	8.2	5.00	5.1
6.00	13.0	3.75	10.8	4.50	15.6	3.75	20.9	3.75	20.2	5.25	20.4	6.00	17.7	6.00	16.4	6.00	14.9	6.00	8.2	6.00	5.1
6.25	11.7	4.00	10.7	4.75	14.9	4.00	19.9	4.00	20.0	5.50	20.4	7.00	16.9	7.00	16.2	7.00	14.9	7.00	8.2	7.00	5.1
6.50	10.8	5.00	10.0	5.00	14.1	4.25	19.1	4.25	19.5	5.75	20.2	7.25	15.3	7.25	15.8	7.50	14.5	8.00	8.1	8.00	5.1
6.75	10.4	6.00	9.8	5.25	13.4	4.50	18.1	4.50	19.1	6.00	19.1	7.50	14.0	7.50	15.7	8.25	14.2	9.00	8.1	9.00	5.1
7.00	10.1	7.00	9.5	5.50	13.2	4.75	17.4	4.75	18.8	6.25	18.2	7.75	13.1	7.75	15.3	8.50	13.3	10.00	8.1	10.00	5.1
8.00	9.3	8.00	8.9	5.75	13.0	5.00	16.5	5.00	18.0	6.50	16.9	8.00	12.5	8.00	14.3	8.75	12.3	11.00	8.1	11.00	5.1
9.00	8.5	8.25	8.5	6.00	12.6	5.25	15.8	5.25	17.1	6.75	15.6	8.25	11.8	8.25	13.3	9.00	11.7	11.00	8.1	12.00	5.1
10.00	7.9	8.50	8.2	7.00	11.6	5.50	15.3	5.50	16.4	7.00	14.7	8.50	11.4	8.50	12.7	9.25	10.8	12.00	8.1		
11.00	7.7	8.75	7.5	8.00	10.6	5.75	14.6	5.75	15.2	7.25	13.8	8.75	10.9	8.75	11.6	9.50	10.3				
12.00	7.4	9.00	6.7	9.00	9.2	6.00	14.2	6.00	14.3	7.50	13.2	9.00	10.4	9.00	10.8	9.75	9.9				
12.25	7.0	9.25	6.1	10.00	8.7	6.25	13.7	6.25	13.9	7.75	12.6	10.00	9.6	9.25	10.5	10.00	9.7				
		9.50	5.7	11.00	8.2	6.50	13.4	6.50	13.2	8.00	12.0	11.00	9.0	9.50	10.2	11.00	9.1				
		9.75	5.5	12.00	8.0	6.75	12.9	6.75	12.7	8.25	11.7	12.00	8.7	9.75	9.9	12.00	8.8				
		10.00	5.4	12.80	7.8	7.00	12.7	7.00	12.4	8.50	11.3			10.00	9.3						
		11.00	5.3			7.25	12.2	7.25	11.9	8.75	10.9			11.00	9.0						
		12.00	5.4			7.50	12.0	7.50	11.6	9.00	10.4			12.00	8.8						
		12.10	4.6			7.75	11.5	7.75	11.3	10.00	9.5										
						8.00	11.1	8.00	11.0	11.00	9.1										
						8.25	10.7	9.00	10.1	12.00	9.0										
						8.50	10.5	10.00	9.1												
						8.75	10.0	11.00	8.4												
						9.00	9.8	12.00	8.4												
						10.00	9.1														
						11.00	8.5														
						12.00	8.2														